

FISHERIES STATISTICS 1998



Salmonid and Freshwater Fisheries Statistics for England and Wales

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1. Fisheries Statistics 1989 (out of print)
2. Fisheries Statistics 1990 (out of print)
3. Fisheries Statistics 1991 (out of print)
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Annual Assessment of Salmon Stocks and Fisheries in England and Wales

(produced jointly by the Environment Agency and CEFAS)

1. 1997 (out of print)
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Leaflets

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Environment Agency

**SALMONID AND FRESHWATER
FISHERIES STATISTICS
FOR ENGLAND AND WALES, 1998**

(Declared catches of salmon and migratory trout by rods, nets and other instruments)

This report has been prepared by the National Salmon and Trout Fisheries Centre of the
Environment Agency.

The principal aim of the Environment Agency in respect of fisheries is:

to maintain, improve and develop fish stocks, the basic fisheries resource, in order to optimise the social and economic benefits from their sustainable exploitation. To achieve this aim, we have set the following objectives:

- to conserve and develop sustainable fisheries for salmon, trout, freshwater fish, eels and, where appropriate, sea fish;
- to regulate fisheries through the enforcement of a consistent series of licences, orders, by-laws and consents;
- to monitor the performance of fisheries in our rivers and inland waters, estuaries and, where appropriate coastal waters, including the status of fish stocks, their habitat, fishing effort and catches;
- to communicate with our customers and understand their needs;
- to produce clear strategies for the long-term management of each of the main types of fishery, that is, for salmon, trout, coarse fish and eels;
- to secure a fair and robust funding base for necessary fisheries work incorporating full recovery of costs from those who damage the environment or whose activities directly cause fisheries work to be undertaken;
- to assist the recently announced governmental review of fisheries policy, funding and legislation to ensure a secure future for fisheries in England and Wales;
- to develop our scientific and technical understanding of fisheries including the application of best practice to fisheries management and investment in our staff's skills and professional development. Focused R&D will help us achieve all our objectives.

This report, one of a long-term series, contributes to the objectives of communicating the Agency's fisheries monitoring programme.

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1. INTRODUCTION

This report is the fourth collation of salmon and migratory trout catch statistics for England and Wales produced by the Environment Agency. For the years 1989-94 these statistics were published by the National Rivers Authority (NRA) and for the years 1983-88 by the Ministry of Agriculture, Fisheries and Food, Directorate of Fisheries Research, in its Data Report series.

This report is designed to be a reference document of declared salmonid catches in England and Wales. Salmon stock assessment data including provisional catches, counter run estimates and some juvenile data are now published in an annual assessment for the International Council for the Exploitation of the Seas (ICES). The second report in this series was published jointly by the Environment Agency and the Centre for Environment, Fisheries & Aquatic Science (CEFAS) in April 1998 (Anon 1999).

The catch data recorded in this document represent declared catches only and as such will not be an entirely accurate record of the total numbers of fish landed. Furthermore, the relationship between catch and stock size is not always straight-forward, regardless of the accuracy of the catch data. Great care must be taken therefore in interpreting these data. In case of doubt, please refer to the National Salmon and Trout Fisheries Centre.

2. THE ENVIRONMENT AGENCY AND ITS REGIONS

The Environment Agency is a non-departmental public body established by the Environment Act 1995. It has taken over the functions of its predecessors, the National Rivers Authority, Her Majesty's Inspectorate of Pollution, waste regulation authorities and some parts of the Department of the Environment. The Agency came into effect on 1 April 1996.

There are eight Agency regions: North East, Anglian, Thames, Southern, South West, Midlands, Environment Agency Wales and North West.

3. ROD LICENCE CATCH RETURNS

In November 1998, for the fifth consecutive year, the Agency sent a national catch return reminder to holders of a salmon and sea trout licence. The timing of the reminder coincided with the end of the majority of the rod fishing seasons. As in 1994, 1995, 1996 and 1997 the effect of this reminder was very marked when compared with 1992 and 1993 returns (when no reminders were sent).

In 1998 32,525 migratory salmonid licences were sold. A total of 19,982 returns were made (61 per cent). It is believed that these returns record more than 90 per cent of all migratory salmonids caught.

4. NATIONAL OVERVIEW

The rod salmon and sea trout declared catch improved over the very low catch of 1997. Sea trout catches showed the greatest improvement, returning the highest declared rod catch for 10 years. Although salmon catches made a welcome improvement, this was achieved in a good flow year. The early running (pre-June) multi-sea-winter (MSW) component of the salmon stock is, however at a worrying low level. This decline has been seen across most of the North Atlantic, and has prompted the introduction of national by-laws for England and Wales to reduce the exploitation on this stock component. These were in place for the 1999 season.

The long-term decline in net catches of both salmon and sea trout continued in 1998. This is thought to be primarily due to reducing fishing effort caused by phasing out net limitation orders and unfavourable netting conditions in estuaries caused by high freshwater flow. Some net fisheries tend to perform less well at higher flows.

The number of licences issued for nets and fixed engines has continued to decline. Nine coastal mixed-stock fisheries are now being phased out, and during 1998 netsmen on five rivers in the south-west of England were being compensated not to fish at the start of the season as mitigation for water supply schemes. Further buyout schemes operated on the Poole harbour and Clwyd fisheries.

In general, 1998 was a wet year throughout England and Wales. Angling conditions were considered favourable for much of the season. Catch per licence improved on the lows recorded in 1997, except in Midlands and Thames (Fig. 4). Midlands Region is represented by the River Severn which historically has a high proportion of MSW salmon in its stock, and has been hard hit by the reduction in that sea age group. It is these fish which have continued to decline.

Voluntary controls on various rod fisheries were also in place, aimed primarily at reducing levels of exploitation of earlier running MSW fish. Catch and release, an important measure for stock conservation, has continued to increase.

5. SUMMARY OF MAIN FINDINGS

- The declared net catch for England and Wales in 1998 was 25,179 salmon (85 tonnes) and 27,159 sea trout (54 tonnes).
- The declared rod catch for England and Wales in 1998 was 17,109 salmon (59 tonnes) and 48,312 sea trout (41 tonnes).
- The river with the largest declared rod catch of salmon was the Tyne (North East), with 1,808 fish, followed by the Lune (North West), with 1,451 fish.
- The river with the largest declared rod catch of sea trout was the Tywi (Wales), with 4,593 fish, followed by the Teifi (Wales), with 3,605 fish, and the Lune (North West), with 2,730 fish.
- For rods, the highest average declared salmon catch per licence day was recorded on the Lyn (South West) with 0.264 fish caught per day, or, expressed another way, one fish caught per 3.8 days spent fishing on average.
- For rods, the highest declared sea trout catch per licence day was experienced on the Itchen (Southern), with 1.313 fish caught per day.
- The most productive river for catching a migratory salmonid (salmon or sea trout) was the Itchen (Southern), at more than one fish a day. This was due to a very high reporting rate of sea trout. The Dwyfawr (Wales) also had a catch rate greater than one salmonid a day.
- In 1998, 31 per cent of rod caught salmon were released compared with 24 per cent in 1997, 21 per cent in 1996, 20 per cent in 1995 and 14 per cent in 1994.
- In 1998, 50 per cent of rod caught sea trout were released compared with 43 per cent in 1997, 44 per cent in 1996, 42 per cent in 1995 and 36 per cent in 1994.
- The value of net licences sold for eel and elver fishing was £69,197.
- Between 1 April 1998 and 31 March 1999, 1,111,358 non-migratory trout and coarse fish licences were sold (value £11,911,184); 32,525 salmon and sea trout licences were sold over the same period (value £1,044,800).
- In the 1998 season, 547 salmon and migratory trout net licences were issued (value £155,059).

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Table 1 NET FISHING LICENCES - number and value, 1998 season.

Environment Agency Region	Salmon and Migratory Trout					Eel		
	Fishing Method	Number (a)	Duty (£)	Number Endorsees	Value (£) (b)	Method	Number (a)	Value (£)
North East Northumbria Area	Coastal (N) drift and T nets	26	920.00	96	23939.20	Fyke nets	91	500.50
	Coastal (N) drift nets	21	845.00	0	17745.00			
	Coastal (N) T nets	1	590.00	3	590.60			
	Coastal (S) drift nets	19	845.00	30	16061.00			
	Coastal (S) T nets	1	590.00	2	590.40			
	Total	68		131	58926.20	Total	91	500.50
North East Yorkshire Area	Coastal drift nets	9	661.00	18	5952.60	Fyke nets	79	391.05
	Coastal T or J nets	12	590.00	24	7084.80	Criggs (in strings) (Max. 10 pots per string)	11	54.45
	Total	21		42	13037.40	Total	90	445.50
Anglian	Drift nets	37	55.00	83	2051.60	Nets/Traps (Reg)	19	380.00
	Other nets (various)	17	55.00	34	941.80	Nets/Traps (Dist)	741	7410.00
	Total	54		117	2993.40	Total	760	7790.00
Thames	Nil				Fyke nets	229	2290.00	
					Traps	3	6.00	
					Pair trawls	1	100.00	
					Total	233	2396.00	
Southern	Seine nets	1	55.00	1	55.20	Trawls	3	300.00
						Baskets/baited traps	5	170.00
						Elver dip nets	19	1100.00
						Racks	11	1600.00
						Estuary fykes	17	1542.00
						Fykes (small)	92	920.00
						Fykes (medium)	34	510
						Fykes (Large)	0	0.00
	Total	1		1	55.20	Total	181	6142.00
South West Wessex Area	Seine nets	6	267.00	10	1604.00	Fyke nets	3	196.20
	Dip nets	0	55.00		0.00	Fixed traps	1	99.20
	Putcher ranks	1	55.00		55.00	Elver nets	429	14157.00
	50 Putchers (1 units of 50)							
	Total	7			1659.00	Total	433	14452.40
South West Devon & Cornwall	Seine nets (single river)	64	240.00	235	15407.00	Fyke nets	1	8.00
	Seine nets (Taw/Torridge)	14	144.00	53	2026.60	Elver dip nets	34	1112.00
	Seine nets (double river)	1	310.00	5	311.00	Fixed trap	0	0.00
	Fixed Engine (Weir) Avon (c)	1	310.00	0	310.00	Eel fykes (double)	5	224
	Fixed Engine (Trap) Lyn	1	310.00	0	310.00			
	Drift nets (Camel)	7	220.00	14	1542.80			
	Total	88		307	19907.40	Total	40	1344.00
Midlands	Lave nets (half season)	15	42.00	0	630.00	Elver dip nets	1143	22860.00
	Lave nets (full season)	5	34.00	0	420.00	Elver dip nets (Concessionary)	99	495.00
	Seine nets	4				Gloucester eel nets	9	58.50
	Fixed Engine ranks comprising:	6			2530.00	Putcheons/baskets (Up to 20 putcheons per licence)	7	45.50
	2850 Putchers (46 units of 50)		55.00			Putcheons/baskets (Per additional 20 putcheons)	3	16.50
	Putt (1 fixed engine)	2	3.00		6.00	Fyke nets (>4m)	10	65.00
	Stop net (boat)	0				Fyke nets (2-4m)	49	220.50
	Topping net (R.Trent)	0				Fyke nets (<2m) (up to 5 <2m nets per licence)	8	28.00
	Draft net (R. Trent)	0	200.00	24	804.80	Weir trap	2	35.00
	Total	32		24	4390.80	Total	1330	23824.00
Environment Agency Wales	Compass nets	8	67.00	9	537.80	Elver dip nets	706	7766.00
	Coracle nets	17	Var.	45	4042.00	Fixed trap	0	0.00
	Wade nets	1	55.00	3	55.60	Fyke nets	356	1780.00
	Seine nets	37	Var.	129	13198.80	Putcheons (20 per licence)	12	132.00
	Drift nets (incl. sling nets)	8	695.00	15	5563.00			
	Trammel nets	4	408.00	11	1634.20			
	Lave nets	8	55.00	0	440.00			
	Putcher rank	1						
	700 Putchers (14 units of 50)		55.00		770.00			
	Fish trap-basket	1	92.00	5	93.00			
	Total	85		217	26334.40	Total	1074	9678.00
North West	Haaf nets (Solway)	128	100.00	20	12804.00	Fyke nets	17	1974.50
	Drift nets (Cumbria Coastal)	4	408.00	15	1635.00	Dip nets	50	550.00
	Drift nets (Ribble)	5	297.00	14	1487.80	Baskets (25)	6	99.60
	Haaf nets (Lune)	26	200.00		5200.00			
	Drift nets (Lune)	10	408.00	36	4087.20			
	Seine net (Lune)	1	368.00	5	369.00			
	Lave nets (Kent)	8	100.00	0	800.00			
	Lave nets (Leven)	6	100.00	0	600.00			
	Coop nets (Eden)	3	257.00	6	772.20			
	Total	191		96	27755.20	Total	73	2624.10
England & Wales	Total	547		945	155059.00		4305	69196.50
Key: (a) Numbers represent the number of licensees, except for data in parentheses which represent numbers of licensed components on which duty is paid. (b) Value includes endorsee fees (@ £0.20 each). (c) Licence for Avon fixed engine bought by the Agency. Not used.								

Table 2 NATIONAL ROD FISHING LICENCES - NUMBER AND VALUE, 1 April 1998 to 31 March 1999

Environment Agency Region	Non-migratory trout and coarse fish					Salmon and sea trout					All licences	
	Full	Concession	8 Day	1 Day	Total	Full	Concession	8 Day	1 Day	Total	Total	
	Duty £16.00	Duty £8.00	Duty £6.00	Duty £2.00		Duty £55.00	Duty £27.50	Duty £15.00	Duty £5.00		Number	(%)
						(a)	(a)					
North East	73,682	29,580	3,027	36,206	142,495	2,300	1,106	366	1,479	5,251	147,746	13%
Anglian	98,146	35,583	6,975	41,571	182,275	166	102	169	120	557	182,832	16%
Thames	114,112	32,616	4,767	48,170	199,665	596	256	457	462	1,771	201,436	18%
Southern	51,401	16,788	2,485	27,082	97,756	360	184	175	194	913	98,669	9%
South West	38,594	13,952	3,194	22,411	78,151	1,819	938	718	1,808	5,283	83,434	7%
Midlands	126,865	47,301	4,461	58,037	236,664	1,084	698	218	568	2,568	239,232	21%
E.A. Wales	23,357	11,357	1,556	16,374	52,644	3,633	2,480	777	1,529	8,419	61,063	5%
North West	65,740	26,998	2,750	26,220	121,708	3,581	1,858	493	1,831	7,763	129,471	11%
Total	591,897	214,175	29,215	276,071	1,111,358	13539	7622	3373	7991	32525	1,143,883	100%
Total Value	£9,470,352	£1,713,400	£175,290	£552,142	£11,911,184	£744,645	£209,605	£50,595	£39,955	£1,044,800	£12,955,984	
Total returned										19,982		

Key: (a) Full and concession salmon and sea trout licences include upgrades from non-migratory trout and coarse fish licences.

Table 3 NET SEASON AND WEEKLY CLOSURE TIMES - salmon and migratory trout - 1998 season.

Environment Agency Region	River/ Fishery	Fishing Method	Season Inclusive dates	Weekly closure times	Voluntary Closures/Buyouts Other
North East Northumbria	Coastal (N)	Drift nets	26.3 - 31.8	1800 Fri to 0600 Mon	nightly close time 2000 to 0400
		T nets	26.3 - 31.8	1800 Fri to 0600 Mon	nightly close time 2000 to 0400
	Coastal (S)	Drift nets	26.3 - 31.8	1800 Fri to 0600 Mon	nightly close time 2000 to 0400
		T nets	26.3 - 31.8	1800 Fri to 0600 Mon	nightly close time 2000 to 0400
North East Yorkshire	Coastal	Drift nets	26.3 - 31.8	1800 Fri to 0600 Mon	nightly close time 2000 to 0400
		T or J nets	26.3 - 31.8	2000 Fri to 0600 Mon	
Anglian	Coastal	Drift nets	1.4 - 30.9	0600 Sun to 2400 Mon	
		Other nets (various)	1.4 - 30.9	0600 Sun to 2400 Mon	
Southern	Hants area	Seine nets	16.2 - 31.7	0600 Sat to 0600 Mon	
South West	Avon + Stour	Seine nets	15.4 - 31.7	0600 Sat to 0600 Mon &	Entire catch was purchase and release
	Poole Harbour	Seine net	15.4 - 31.7	2100 - 0500 Wed. Thu. Fri	
	Parrett	Dip nets	15.4 - 31.7	0600 Sat to 0600 Mon	18.4 - 31.5 (Buyout) 14.2 - 31.5 (Buyout)
		Putcher ranks	15.4 - 31.7	no closure period	
	Exe	Seine nets (upper reach)	18.4 - 14.8	0600 Sat to 0600 Mon	
	Exe	Seine nets (lower reach)	14.2 - 14.8	0600 Sat to 0600 Mon	
	Teign	Seine nets	15.3 - 31.8	0600 Sat to 0600 Mon	Complete season net buyout 2.3 - 7.6 (Buyout) & 9.7-31.8 (Buyout) 2.3 - 7.6 (Buyout) 2.3 - 7.6 (Buyout)
	Dart	Seine nets	15.3 - 14.8	0600 Sat to 0600 Mon	
	Avon	Fixed Engine	15.4 - 15.9	0600 Sat to 0600 Mon	
	Camel	Drift nets	1.3 - 31.8	0600 Sat to 0600 Mon	
	Tavy	Seine nets	1.3 - 31.8	0600 Fri to 0600 Mon (2.3 - 31.5)	
	Tamar	Seine nets	1.3 - 31.8	&	
	Lynher	Seine nets	1.3 - 31.8	0600 Sat to 0600 Mon (1.6 - 31.8)	
	Fowey	Seine nets	1.3 - 31.8	0600 Sat to 0600 Mon	
	Taw/Torridge	Seine nets	1.6 - 31.8	0600 Fri to 0600 Mon	
	Lyn	Fixed Engine	1.3 - 31.8	0600 Sat to 0600 Mon	
Midlands	Severn	Seine nets	1.2 - 31.8	1200 Sat to 0600 Mon	
		Lave nets	1.2 - 31.8	1200 Sat to 0600 Mon	
		Fixed Engines	15.4 - 15.8	no closure period	
Environment Agency Wales	Wye	Lave nets	1.2 - 31.8	0600 Sat to 0600 Mon	Bought out in perpetuity
	Usk	Drift nets	16.5 - 31.8	0600 Sat to 0600 Mon	
		Putcher rank	16.5 - 31.8	no closure period	
	Tywi	Seine nets	1.3 - 31.7	0600 Sat to 1200 Mon	
		Coracle nets	1.3 - 31.7	0600 Sat to 1200 Mon	
	Taf	Wade net	1.3 - 31.7	0600 Sat to 1200 Mon	
		Coracle net	1.3 - 31.7	0600 Sat to 1200 Mon	
	S.W.Coastal	Wade nets	1.4 - 31.8	0600 Sat to 0600 Mon	
		Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	E+W.Cleddau	Compass nets	1.4 - 31.8	0600 Sat to 1200 Mon	
	Neveon	Seine net	1.4 - 31.8	0600 Sat to 1200 Mon	
	Teifi	Seine nets	1.4 - 31.8	0600 Sat to 1200 Mon	
		Coracle nets	1.4 - 31.8	0600 Sat to 1200 Mon	
	Dyfi	Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Dysynni	Seine net	1.4 - 31.8	0600 Sat to 0600 Mon	
	Mawddach	Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Glaslyn	Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Dwyfawr	Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Seiont/Gwyrfa	Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Ogwen	Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Conwy	Basket trap	1.4 - 31.8	no closure period	
		Seine nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Clwyd	Sling nets	15.3 - 31.8	2400 Thur to 2400 Sun	
	Dee	Trammel nets	1.5 - 31.8	2400 Thur to 2400 Sun	
		Seine nets	1.5 - 31.8	2400 Thur to 2400 Sun	
North West	Ribble	Drift nets	1.4 - 31.8	0600 Sat to 0600 Mon	
		Haaf nets	1.4 - 31.8	0600 Sat to 0600 Mon	
		Drift nets	1.4 - 31.8	0600 Sat to 0600 Mon	
		Seine net	1.4 - 31.8	0600 Sat to 0600 Mon	
	Kent	Lave nets	1.4 - 31.8	0600 Sat to 0600 Mon	
		Lave nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	S&W Cumbria	Drift nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Eden	Haaf nets	1.4 - 31.8	0600 Sat to 0600 Mon	
	Border Esk	Haaf nets	25.2 - 9.9	0600 Sat to 2400 Sun	

[illegible]

(a) Season is 26.1 - 17.10 downstream of Llanwrthwl Bridge
(b) Rivers Annas, Bleng, Mite

Table 5 SALMON NET CATCHES - 1998 season.

Environment Agency Region	River/ Fishery	Fishing Method	No. Lics	Phase Out NLO	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Un-Known	Total Number	Total Weight (Kg)	Average Weight (Kg)
North East Northumbria	Coastal (N)	Drift nets	47 (a)	X	-	27	23	335	951	3084	5853	-	0	10273	37616	3.66
		T nets	27 (a)		-	0	2	20	78	462	256	-	0	818	2707	3.31
	Coastal (S)	Drift nets	19	X	-	0	14	29	285	1554	3313	-	0	5195	16738	3.22
		T nets	1		-	0	0	0	0	8	4	-	0	12	37	3.06
North East Yorkshire	Coastal	Drift nets	9	X	-	0	0	21	162	398	1279	-	0	1860	4288	2.31
		T or J nets	12		-	0	0	2	23	46	36	-	0	107	340	3.18
	Whole area	Total	89		-	27	39	407	1499	5552	10741	-	0	18265	61725	
Anglian	Coastal	Drift nets	37	X	-	-	0	0	0	0	0	0	0	0	0	
		Other nets (var.)	17	X	-	-	0	0	0	2	1	0	0	3	6	2.15
	Whole area	Total	54		-	-	0	0	0	2	1	0	0	3	6	2.15
Southern	Hants area	Seine nets	0		0	0	0	0	0	0	-	-	0	0		
	Whole area	Total	0		0	0	0	0	0	0	-	-	0	0	0	
South West	Avon + Stour Poole Harbour Parrett	Seine nets	5		-	-	0	0	8	78	-	-	0	86	319	3.71
		Seine net	1		-	-	0	0	8	19	-	-	0	27	85	3.14
		Dip nets	0		-	-	0	0	0	0	-	-	0	0	0	0.00
		Putcher ranks	1		-	-	0	1	3	11	-	-	0	15	48	3.19
		River total	1		-	-	0	1	3	11	-	-	0	15	48	3.19
	Exe	Seine nets	18		0	0	0	0	32	152	103	-	0	287	774	2.70
		Seine nets	6		-	0	2	3	12	183	214	-	0	414	1190	2.88
	Dart	Seine nets	15		-	0	3	17	28	150	53	-	0	251	772	3.08
		Fixed Engine	0 (b)		Not in use (see note (b))								0	0	0.00	
	Avon	Drift nets	7		0	9	1	2	0	58	49	-	0	119	284	2.38
	Camel	Seine nets	5		Complete season net buyout								0	0		
	Tavy	Seine nets	15		-	0	0	0	26	32	0	-	0	58	181	3.12
	Tamar	Seine nets	1	(c)										0		
	Tavy/Tamar	Seine net	5		-	0	0	0	0	23	50	-	0	73	182	2.49
	Lynher	Seine nets	2		-	0	0	0	0	7	5	-	0	12	32	2.66
	Fowey	Seine nets	14		-	-	-	-	57	219	122	-	0	398	1191	2.99
	Taw/Torridge	Seine nets	1		-	0	0	7	1	8	3	0	0	19	71	3.75
	Lyn	Fixed Engine												0		
	Whole area	Total	96		0	9	6	30	175	940	599	0	0	1759	5128	
	Midlands	Severn	Seine nets	4		0	0	0	4	9	31	24	-	-	68	234
Lave nets			20 (d)		4	7	11	32	28	44	48	-	-	174	790	4.54
Fixed Engines			8		-	-	25	124	214	338	131	-	-	832	2475	2.97
Whole area		Total	32		4	7	36	160	251	413	203	-	-	1074	3499	
Environment Agency Wales	Wye	Lave nets	8		0	0	0	0	1	2	0	-	0	3	15	5.14
		Drift nets	8	X	-	-	-	14	124	281	153	-	0	572	2208	3.86
		Putcher rank	1		-	-	-	13	76	69	47	-	0	205	910	4.44
	Tywi	River total	9		-	-	-	27	200	350	200	-	0	777	3118	4.01
		Seine nets	5		-	0	0	6	14	15	-	-	0	35	135	3.86
		Coracle nets	5		-	0	0	1	0	3	-	-	0	4	14	3.52
	Taf	River total	10		-	0	0	7	14	18	-	-	0	39	149	3.83
		Wade net	1		-	0	0	0	0	0	-	-	0	0	0	
		Coracle net	1		-	0	0	0	1	2	-	-	0	3	12	4.08
	S.W.Coastal	River total	2		-	0	0	0	1	2	-	-	0	3	12	4.08
		Wade nets	0	X	no licences taken out - fishery phased out								0	0		
		Seine nets	1		-	-	nr	nr	nr	nr	nr	-	0	0	0	
	E+W.Cleddau	River total	1		-	-	nr	nr	nr	nr	nr	-	0	0	0	
		Compass nets	8		-	-	0	2	1	1	9	-	0	13	43	3.28
		Seine net	1		-	-	0	0	2	8	3	-	0	13	34	2.65
	Nevern	Seine nets	3		-	-	0	8	14	33	56	-	0	111	425	3.83
		Coracle nets	11		-	-	9	11	5	10	11	-	0	46	177	3.85
		River total	14		-	-	9	19	19	43	67	-	0	157	602	3.83
	Dyfi	Seine nets	3		-	-	0	0	2	5	0	-	0	7	18	2.53
		Seine net	1		-	-	0	nr	6	2	0	-	0	8	27	3.40
		Seine nets	2		-	-	0	0	0	0	0	-	0	0	0	
	Mawddach	Seine nets	1		-	-	0	9	11	0	0	-	0	20	69	3.47
		Seine nets	1	X	-	-	0	0	0	0	0	-	0	0	0	
		Seine nets	0	X	no licences taken out in 1998								0	0		
	Seiont/Gwyrfa	Seine nets	2	X	-	-	0	0	9	31	30	-	0	70	201	2.88
		Basket trap	1		-	-	0	0	3	6	8	-	0	17	55	3.26
		Seine nets	3		-	-	0	0	0	4	5	-	0	9	27	2.97
	Conwy	River total	4		-	-	0	0	3	10	13	-	0	26	82	3.16
		Sling nets	0	X	no licences taken out - fishery phased out								0	0		
Trammel nets		4		-	-	-	0	2	318	343	-	0	663	2497	3.77	
Dee	Seine nets	14		-	-	-	2	24	190	285	-	0	501	1492	2.98	
	River total	18		-	0	0	2	26	508	628	-	0	1164	3989	3.43	
	Total	85		0	0	9	66	295	960	950	-	0	2300	8360		
North West	Ribbles	Drift nets	5		-	-	0	1	5	44	68	-	-	118	430	3.64
		Haaf nets	26		-	-	0	0	29	165	195	-	-	389	1262	3.24
		Drift nets	10		-	-	0	1	6	229	289	-	-	525	1656	3.15
		Seine net	1		-	-	0	-	1	0	2	-	-	3	11	3.55
		River total	37		-	-	0	1	36	394	486	-	-	917	2928	3.19
	Kent	Lave nets	8		-	-	0	0	0	8	12	-	-	20	55	2.77
		Lave nets	6		-	-	0	0	1	10	7	-	-	18	58	3.20
	S&W Cumbria	Drift nets	4	X	-	-	0	-	-	11	28	-	-	39	140	3.60
		Haaf nets	128		0	0	2	24	41	299	234	50	-	650	2308	3.55
	Eden + Esk (Sol)	Coop nets	3		-	-	0	4	5	4	3	-	-	16	96	6.01
	Whole area	Total	191		0	0	2	30	88	770	838	50	0	1778	6015	
England and Wales					4	43	92	693	2308	8657	13332	50	0	25179	84734	

Key:
(a) Seperate licences for drift and T nets were issued for the first time in the northern area in 1993.
(b) Licence purchased by South West region but was not used.
(c) Catches included under Tavy and Tamar as appropriate.
(d) Figures for half- and full-season lave nets combined.
(e) Mean weights used for all weight categories, from scale-reading sub-sample.

Notes:
A dash is used to denote months that fall entirely within the annual close season.
Return rates were 100% for all fisheries in 1997

Table 6 MIGRATORY TROUT NET CATCHES - 1998 season.

Environment Agency Region	River/ Fishery	Fishing Method	No. Lics	Phase Out NLO	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Un-known	Total Number	Total Weight (Kg)	Average Weight (Kg)
North East Northumbria	Coastal (N)	Drift nets	47 (a)	X	-	2	4	337	1742	1096	1472	-	0	4653	11166	2.40
		T nets	27 (a)		-	0	11	184	1542	1965	943	-	0	4645	8246	1.78
	Coastal (S)	Drift nets	19	X	-	0	2	54	2311	1040	1202	-	0	4609	10016	2.17
		T nets	1		-	0	0	0	41	63	103	-	0	207	365	1.76
	North East Yorkshire	Coastal	Drift nets	9	X	-	0	0	170	738	661	508	-	0	2077	4698
T or J nets			12		-	0	0	349	3239	1842	639	-	0	6069	11227	1.85
Whole area		Total	89		-	2	17	1094	9613	6667	4867	-	0	22260	45718	
Anglian	Coastal	Drift nets	38	X	-	-	13	35	143	110	207	215	0	723	1381	1.91
		Other nets (var.)	16	X	-	-	16	54	6	34	38	57	0	205	260	1.27
		Total	54		-	-	29	89	149	144	245	272	0	928	1641	
Southern	Beaulieu	Seine nets	1		0	0	0	0	3	2	1	-	0	6	nr	
	Whole area	Total	1		0	0	0	0	3	2	1	-	0	6	nr	
South West	Avon + Stour Poole Harbour Parrett	Seine nets	5		-	-	0	12	86	120	-	-	0	218	492	2.26
		Seine net	1		-	-	0	0	6	11	-	-	0	17	57	3.34
		Dip nets	0		-	-	0	0	0	0	-	-	0	0	0	
		Putchers	1		-	-	0	0	0	0	-	-	0	0	0	
		River total	1		-	-	0	0	0	0	-	-	0	0	0	
	Exe	Seine nets	15		0	0	0	0	4	9	1	-	0	14	15	1.05
		Seine nets	6		-	0	69	179	85	48	34	-	0	415	667	1.61
	Dart	Seine nets	15		-	0	76	207	90	149	30	-	0	552	682	1.24
		Fixed Engine	0 (b)		Not in use (see note (b))											
	Carmel	Drift nets	7		0	0	0	1	0	1	5	-	0	7	9	1.34
		Seine nets	5		Complete season net buyout									0	0	
	Tamar	Seine nets	14		-	0	0	0	31	5	0	-	0	36	55	1.53
	Tavy/Tamar	Seine net	1 (c)		-	0	0	0	0	0	0	-	0	0	0	
	Lynher	Seine nets	5		-	0	0	0	0	0	0	-	0	0	0	
	Fowey	Seine nets	2		-	0	0	0	6	2	0	-	0	8	8	0.96
	Taw/Torrige	Seine nets	14		-	-	-	-	139	182	22	-	0	343	327	0.95
	Lyn	Fixed Engine	1		-	0	0	8	1	0	0	0	0	9	24	2.66
	Whole area	Total	92		0	0	145	407	448	527	92	-	0	1619	2336	
	Environment Agency Wales	Usk	Drift nets	8	X	-	-	-	3	6	0	0	-	0	9	32
Putchers rank			1		-	-	-	2	1	0	1	-	0	4	15	3.74
River total			9		-	-	-	5	7	0	1	-	0	13	47	3.59
Tywi		Seine nets	5		-	0	7	60	100	36	-	-	0	203	440	2.17
		Coracle nets	5		-	0	23	109	94	20	-	-	0	246	535	2.17
		River total	10		-	0	30	169	194	56	0	-	0	449	975	2.17
Taf		Wade net	1		-	0	0	0	2	0	-	-	0	2	2	1.13
		Coracle net	1		-	0	0	4	15	31	-	-	0	50	89	1.79
		River total	2		-	0	0	4	17	31	0	-	0	52	92	1.76
S.W.Coastal		Wade nets	0	X	no licences taken out - fishery phased o											
		Seine nets	1		-	-	nr	nr	nr	nr	nr	-	0			
		River total	1		-	-	0	0	0	0	0	-	0			
E+W.Cleddau		Compass nets	8		-	-	0	2	1	0	0	-	0	3	4	1.36
		Seine net	1		-	-	3	8	5	19	14	-	0	49	74	1.52
		Seine nets	3		-	-	0	59	76	18	2	-	0	155	283	1.83
Telfi		Coracle nets	11		-	-	7	138	38	36	18	-	0	237	442	1.86
		River total	14		-	-	7	197	114	54	20	-	0	392	725	1.85
		Seine nets	3		-	-	0	7	51	12	0	-	0	70	170	2.43
Dysynni		Seine net	1		-	-	0	0	35	15	0	-	0	50	110	2.20
		Seine nets	2		-	-	0	0	0	0	0	-	0	0	0	
Mawddach		Seine nets	1		-	-	0	18	21	1	0	-	0	40	72	0.00
		Seine nets	1	X	-	-	0	0	0	0	0	-	0	0	0	
Selont/Gwyrfa		Seine nets	0	X	no licences taken out in 1998											
		Seine nets	2	X	-	-	0	1	7	12	10	-	0	30	50	1.68
		Fish Trap	1		-	-	0	0	0	0	0	-	0	0	0	0.00
Conwy		Seine nets	3		-	-	0	3	6	1	0	-	0	10	25	2.54
		River Total	4		-	-	0	3	6	1	0	-	0	10	25	2.54
		Sling nets	0	X	no licences taken out - fishery phased out											
Clwyd		Trammel nets	4		-	-	-	0	6	4	5	-	0	15	29	1.91
		Seine nets	14		-	-	-	1	13	3	2	-	0	19	28	1.46
		River total	18		0	0	0	1	19	7	7	-	0	34	56	1.65
Whole area		Total	77		0	0	40	415	477	208	52	-	0	1192	2400	
North West (d)	Ribble Lune	Drift nets	5		-	-	0	0	11	5	0	-	0	16	75	4.66
		Haaf nets	26		-	-	1	24	231	79	15	-	0	350	557	1.59
		Drift nets	10		-	-	0	12	75	9	1	-	0	97	267	2.75
		Seine net	1		-	-	0	0	6	0	0	-	0	6	12	1.97
		River total	37		-	-	1	36	312	88	16	-	0	453	835	1.84
	Kent	Lave nets	8		-	-	0	0	1	0	0	-	0	1	3	3.40
		Lave nets	6		-	-	0	0	4	2	1	-	0	7	12	1.72
	S&W Cumbria	Drift nets	4	X	-	-	0	0	0	0	0	-	0	0	0	
		Haaf nets	128		0	6	3	214	366	83	4	1	0	677	851	1.26
	Eden + Esk	Coop nets	3		-	-	0	0	0	0	0	-	0	0	0	
	Whole area	Total	191		0	6	4	250	694	178	21	1	0	1154	1776	
England and Wales					0	8	235	2255	11384	7726	5278	273	0	27159	53871	

Key: (a) Separate licences for drift and T nets were issued for the first time in the northern area in 1993.
(b) Licence purchased by South West region but was not used.
(c) Catches included under Tavy and Tamar as appropriate.

Notes: Both the River Wye and Severn net fisheries do not catch migratory trout so are not included in this table
A dash is used to denote months that fall entirely within the annual close season.
Return rates were 100% for all fisheries in 1997
Migratory trout are not caught on the Wye or Severn and these licences are not included.

Table 7 SALMON ROD CATCHES (released total in brackets) - 1998 season.

Environment Agency Region	River	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-known	Total Number	
North East	Ain	-	0 (0)	0 (0)	0 (0)	0 (0)	1 (0)	1 (0)	10 (0)	1 (0)	1 (1)	-	-	0 (0)	14 (1)	
	Coquet	-	9 (4)	7 (0)	37 (3)	24 (1)	68 (4)	59 (5)	49 (9)	94 (28)	245 (129)	-	-	4 (0)	596 (181)	
	Tyne	-	23 (9)	7 (2)	26 (6)	33 (1)	111 (13)	122 (12)	281 (38)	414 (132)	752 (390)	-	-	39 (16)	1808 (619)	
	Wear	-	0 (0)	1 (1)	1 (1)	1 (0)	25 (9)	27 (14)	38 (11)	62 (20)	211 (110)	-	-	2 (1)	368 (167)	
	Tees	-	1 (0)	3 (0)	5 (0)	2 (0)	8 (4)	9 (3)	15 (5)	24 (7)	49 (38)	-	-	2 (0)	118 (57)	
	Esk	-	-	-	0 (0)	0 (0)	9 (0)	2 (1)	3 (0)	6 (2)	15 (7)	-	-	0 (0)	35 (10)	
	Ouse	-	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	-	-	0 (0)	1 (1)	
	Other	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	-	-	0 (0)	1 (1)	
Total	-	33 (13)	18 (3)	69 (10)	60 (2)	222 (30)	221 (36)	396 (63)	602 (188)	1273 (675)	-	-	47 (17)	2941 (1037)		
Thames	Thames (a)	-	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	-	-	-	0 (0)	0 (0)	
Southern	Test (a)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	72 (10)	52 (19)	75 (59)	3 (3)	-	-	0 (0)	204 (91)	
	Itchen (a)	0 (0)	0 (0)	0 (0)	0 (0)	1 (0)	2 (1)	40 (17)	69 (64)	43 (43)	6 (6)	-	-	0 (0)	161 (131)	
	Others	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (0)	0 (0)	0 (0)	0 (0)	0 (0)	-	-	0 (0)	1 (0)	
	Total	0 (0)	0 (0)	0 (0)	0 (0)	1 (0)	5 (1)	112 (27)	121 (83)	118 (102)	9 (9)	-	-	0 (0)	366 (222)	
South West	Avon	-	0 (0)	1 (1)	3 (3)	6 (4)	10 (6)	15 (10)	13 (10)	-	-	-	-	4 (1)	52 (35)	
	Piddle	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (2)	-	-	-	-	0 (0)	3 (2)	
	Frome	-	-	1 (1)	1 (0)	6 (0)	9 (1)	44 (9)	31 (13)	-	-	-	-	11 (10)	103 (33)	
	Exe	-	5 (3)	2 (0)	11 (6)	8 (3)	61 (8)	154 (43)	84 (17)	310 (115)	-	-	-	41 (11)	676 (206)	
	Telgn	-	1 (1)	2 (0)	10 (3)	6 (3)	18 (2)	23 (3)	18 (2)	77 (16)	-	-	-	7 (4)	182 (34)	
	Dart	-	1 (1)	0 (0)	6 (5)	7 (6)	12 (6)	28 (7)	16 (3)	64 (17)	-	-	-	2 (1)	138 (46)	
	Avon (Devon)	-	-	-	0 (0)	0 (0)	1 (0)	0 (0)	4 (1)	2 (0)	12 (3)	13 (6)	-	0 (0)	32 (10)	
	Yealm	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	4 (2)	7 (4)	5 (2)	2 (1)	0 (0)	18 (9)	
	Plym	-	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	2 (1)	9 (6)	11 (6)	0 (0)	23 (14)	
	Tavy	-	-	0 (0)	0 (0)	1 (0)	2 (1)	20 (7)	21 (12)	37 (14)	20 (8)	-	-	44 (26)	145 (68)	
	Tamar	-	-	5 (4)	8 (5)	22 (12)	29 (7)	73 (18)	70 (14)	132 (88)	63 (40)	-	-	2 (0)	404 (166)	
	Lynher	-	-	2 (2)	1 (1)	1 (0)	3 (0)	3 (0)	18 (13)	32 (8)	26 (13)	-	-	1 (0)	87 (37)	
	Fowey	-	-	-	0 (0)	1 (1)	4 (0)	6 (1)	8 (3)	14 (7)	30 (14)	45 (32)	15 (9)	5 (5)	128 (72)	
	Camel	-	-	-	0 (0)	5 (0)	4 (2)	3 (0)	10 (2)	28 (11)	43 (16)	85 (31)	57 (23)	6 (2)	241 (87)	
	Torridge	-	-	1 (1)	2 (2)	6 (2)	3 (0)	29 (7)	10 (4)	29 (13)	-	-	-	11 (3)	91 (32)	
	Taw	-	-	5 (0)	8 (2)	32 (5)	35 (12)	120 (45)	70 (31)	156 (97)	-	-	-	0 (0)	426 (192)	
	Lyn	-	0 (0)	0 (0)	2 (0)	4 (0)	28 (4)	43 (3)	32 (7)	85 (14)	1 (1)	-	-	6 (0)	181 (29)	
	Others	-	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	2 (0)	2 (1)	1 (1)	4 (3)	0 (0)	0 (0)	0 (0)	11 (5)	
	Total	-	7 (5)	19 (9)	52 (27)	105 (36)	221 (49)	563 (150)	410 (135)	952 (388)	208 (118)	157 (77)	85 (40)	140 (43)	2919 (1077)	
Midlands	Trent	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	-	-	1 (1)	1 (1)	
	Severn	-	6 (4)	10 (2)	14 (2)	43 (2)	35 (7)	23 (3)	9 (0)	28 (8)	11 (2)	-	-	6 (0)	185 (30)	
	Total	-	6 (4)	10 (2)	14 (2)	43 (2)	35 (7)	23 (3)	9 (0)	28 (8)	11 (2)	-	-	7 (1)	186 (31)	
Environment Agency Wales	Wye (a)	1 (0)	1 (0)	4 (0)	1 (0)	68 (11)	91 (17)	213 (21)	207 (29)	106 (55)	98 (59)	-	-	3 (3)	793 (195)	
	Usk	-	-	3 (2)	3 (0)	13 (1)	103 (9)	115 (17)	107 (35)	162 (45)	173 (81)	-	-	1 (1)	680 (191)	
	Taff	-	-	1 (0)	3 (1)	0 (0)	2 (0)	5 (0)	1 (0)	6 (0)	1 (0)	-	-	0 (0)	19 (1)	
	Ogmore	-	-	0 (0)	0 (0)	2 (0)	3 (1)	19 (3)	21 (3)	27 (9)	17 (9)	-	-	3 (0)	92 (25)	
	Afan	-	-	0 (0)	0 (0)	2 (2)	1 (0)	4 (1)	4 (0)	11 (1)	2 (0)	-	-	0 (0)	24 (4)	
	Neath	-	-	0 (0)	0 (0)	0 (0)	4 (0)	5 (1)	9 (1)	26 (2)	6 (0)	-	-	0 (0)	50 (4)	
	Tawe	-	-	0 (0)	0 (0)	3 (0)	2 (0)	9 (2)	24 (3)	47 (7)	11 (0)	-	-	0 (0)	96 (12)	
	Loughor	-	-	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	2 (0)	2 (1)	0 (0)	-	-	1 (1)	7 (2)	
	Tywl	-	-	4 (2)	10 (4)	21 (5)	54 (5)	70 (4)	193 (28)	41 (8)	-	-	-	15 (8)	408 (64)	
	Taf	-	-	1 (0)	1 (0)	7 (0)	7 (0)	14 (2)	23 (2)	4 (0)	-	-	-	1 (0)	58 (4)	
	E+W.Cledau	-	-	6 (2)	3 (0)	2 (0)	13 (6)	7 (0)	24 (7)	4 (1)	-	-	-	1 (1)	60 (17)	
	Nevern	-	-	1 (0)	1 (0)	1 (0)	1 (1)	5 (1)	1 (0)	3 (0)	1 (0)	-	-	4 (0)	17 (2)	
	Telf	-	-	4 (0)	5 (0)	30 (3)	39 (6)	74 (13)	226 (45)	98 (43)	-	-	-	55 (16)	531 (126)	
	Aeron	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (0)	0 (0)	0 (0)	-	-	0 (0)	1 (0)	
	Ystwyth	-	-	0 (0)	0 (0)	0 (0)	7 (1)	2 (0)	6 (1)	8 (0)	9 (1)	-	-	0 (0)	32 (3)	
	Rheidol	-	-	0 (0)	1 (0)	1 (0)	1 (0)	6 (0)	7 (2)	7 (1)	10 (3)	-	-	1 (0)	34 (6)	
	Dyfi	-	-	0 (0)	0 (0)	1 (0)	15 (0)	17 (0)	29 (1)	57 (2)	26 (1)	-	-	3 (3)	148 (7)	
	Dysynni	-	-	0 (0)	0 (0)	1 (1)	1 (1)	1 (0)	3 (1)	2 (1)	3 (2)	-	-	0 (0)	11 (6)	
	Mawddach	-	-	0 (0)	0 (0)	0 (0)	8 (1)	20 (3)	58 (2)	44 (5)	10 (3)	-	-	0 (0)	140 (14)	
	Arfo	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (1)	2 (1)	2 (1)	-	-	0 (0)	6 (3)	
	Dwyrdd	-	-	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	5 (0)	9 (0)	4 (1)	-	-	0 (0)	20 (1)	
	Glaslyn	-	-	0 (0)	0 (0)	1 (0)	7 (2)	6 (1)	3 (0)	3 (0)	1 (0)	-	-	0 (0)	21 (3)	
	Dwyfawr	-	-	0 (0)	0 (0)	0 (0)	2 (0)	2 (1)	0 (0)	4 (0)	3 (0)	-	-	0 (0)	11 (1)	
	Llyfni	-	-	0 (0)	0 (0)	0 (0)	8 (0)	4 (0)	5 (0)	6 (0)	5 (1)	-	-	0 (0)	28 (1)	
	Gwyrfa	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	-	-	0 (0)	0 (0)	
	Selont	-	-	0 (0)	0 (0)	0 (0)	0 (0)	4 (3)	3 (0)	10 (1)	14 (1)	-	-	1 (0)	32 (5)	
	Ogwen	-	-	0 (0)	0 (0)	0 (0)	1 (0)	21 (0)	22 (0)	41 (3)	24 (3)	-	-	1 (0)	110 (6)	
	Conwy	-	-	0 (0)	1 (0)	2 (1)	2 (0)	7 (1)	34 (5)	57 (8)	29 (8)	-	-	2 (0)	134 (23)	
	Clwyd	-	-	0 (0)	0 (0)	3 (0)	5 (0)	7 (1)	20 (5)	64 (22)	10 (7)	-	-	1 (1)	110 (36)	
	Dee	-	-	10 (8)	7 (5)	18 (9)	20 (4)	45 (16)	91 (22)	289 (84)	139 (59)	-	-	8 (2)	627 (209)	
	Others	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (0)	5 (1)	5 (0)	4 (1)	-	-	8 (6)	25 (8)	
	Total	1 (0)	1 (0)	18 (10)	32 (16)	135 (29)	344 (45)	637 (89)	835 (131)	1464 (330)	749 (293)	-	-	109 (42)	4325 (979)	
North West	Ribble	-	0 (0)	2 (2)	1 (1)	2 (2)	1 (1)	13 (5)	77 (9)	144 (35)	183 (94)	319 (198)	-	-	26 (18)	778 (355)
	Wyre	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (1)	9 (3)	24 (6)	-	-	0 (0)	35 (10)	
	Lune	-	0 (0)	5 (4)	2 (1)	8 (8)	3 (3)	11 (3)	80 (8)	212 (30)	316 (118)	792 (477)	-	-	22 (14)	1451 (666)
	Kent	-	0 (0)	3 (3)	0 (0)	5 (4)	7 (2)	45 (5)	130 (21)	177 (23)	153 (38)	266 (131)	-	-	0 (0)	786 (227)
	Leven	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (2)	2 (0)	12 (4)	17 (1)	7 (2)	-	-	0 (0)	41 (9)
	Duddon	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	10 (1)	8 (4)	17 (6)	-	-	0 (0)	35 (11)
	Esk	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	8 (0)	17 (1)	18 (3)	28 (12)	-	-	1 (0)	72 (16)
	Irt	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	4 (0)	10 (2)	37 (6)	30 (8)	63 (34)	-	-	0 (0)	144 (52)
	Caldar	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (0)	6 (0)	17 (1)	13 (4)	54 (22)	-	-	1 (0)	96 (27)
	Ehen	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	10 (0)	50 (4)	119 (7)	76 (9)	102 (35)	-	-	1 (0)	358 (55)
	Derwent	-	0 (0)	0 (0)	1 (1)	2 (0)	2 (0)	7 (0)	66 (5)	187 (17)	228 (32)	223 (89)	-	-	21 (6)	737 (152)
	Ellen	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (1)	1 (0)	9 (0)	8 (0)	10 (0)	-	-	0 (0)	31 (1)
	Eden	6 (5)	11 (9)	28 (13)	20 (2)	16 (9)	25 (2)	138 (13)	331 (43)	360 (76)	165 (79)	-	-	12 (4)	1110 (252)	
	Esk (Border)	-	0 (0)	1 (0)	0 (0)	0 (0)	0 (0)	3 (0)	69 (11)	107 (8)	156 (29)	262 (98)	-	-	30 (19)	628 (165)
	Others	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (0)	3 (0)	6 (2)	10 (5)	37 (14)	-	-	0 (0)	57 (21)
	Total	6 (5)	22 (18)	30 (16)	37 (16)	29 (12)	130 (18)	640 (73)	1387 (181)	1595 (414)	2389 (1203)	-	-	114 (63)	6359 (2019)	
All regions	Unknown	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (1)	2 (1)	0 (0)	2 (0)	4 (4)	0 (0)	0 (0)	0 (0)	13 (6)	
England and Wales		7 (5)	69 (40)	95 (40)	204 (65)	373 (81)	962 (151)	2198 (379)	3158 (593)	4781 (1426)	4623 (2289)	157 (77)	85 (39)	417 (186)	17109 (5371)	

Notes: Reported data from rod licence catch returns only, except where indicated. Totals includes all fish taken and all fish released.

A dash is used to denote months that fall entirely within the annual close season.

Catches from tributaries and from minor rivers with a shared estuary are included under the appropriate

main river. The catch from remaining rivers in each region is aggregated and recorded under 'others'.

Kelts identified on the catch return are not included in this table.

Key: (a) Data taken from a source other than rod licence returns, ie owners' returns, general licence returns etc.

Table 8 SALMON, AVERAGE MONTHLY WEIGHT (Kg) and sample size - 1998 season.

Environment Agency Region	Rlver	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-known	Total sample	Total catch	Total est. Wt. (lbs)	Ave. Wt. lbs	Ave. Wt. Kg									
North East	Aln						2.48	1	1.36	1	2.25	10	1.93	1	1.70	1												
	Coquet		2.49	9	3.69	7	3.95	37	4.31	24	3.77	98	3.14	59	2.87	48	2.88	93	3.18	238								
	Tyne		5.29	22	3.98	7	5.17	26	5.26	33	5.28	110	4.64	121	4.22	279	4.40	410	4.70	744								
	Wear				4.37	1	2.72	1	4.99	1	3.20	25	2.56	25	3.21	38	3.21	62	3.38	198								
	Tees		3.86	1	4.47	3	4.86	5	4.76	2	4.59	8	4.05	9	4.13	15	4.12	24	4.63	49								
	Esk							4.27	9	5.02	2	3.11	3	2.88	6	2.88	15											
	Ouse																1	1	12	12.4								
	Others																1	1	4	4.5								
Thames	Thames																0	0										
Southern	Itchen						4.76	4	2.85	25	2.96	26	2.92	22			2.85	19	98	103	675	6.6	2.97					
	Test						3.88	1	3.19	30	2.89	9	3.22	11			51		52	363	7.0	3.16						
	Others																1		1	4	4.2	1.90						
South West	Avon				2.72	1	6.54	3	4.35	6	5.75	10	3.77	15	3.59	13			3.05	4	52	52	488	9.4	4.26			
	Piddle														2.85	3					3	3	20	6.5	2.95			
	Frome				4.54	1	3.40	1	5.38	6	4.21	9	3.73	44	3.69	31			4.16	11	103	103	887	8.6	3.91			
	Exe		2.75	4	2.66	2	3.81	11	2.98	8	3.30	61	2.89	154	2.56	82	2.73	300	3.01	29	651	676	4298	6.3	2.84			
	Teign		2.72	1	3.06	2	3.87	10	3.70	6	3.77	18	3.11	23	3.18	18	2.81	76	3.56	7	161	162	1120	6.9	3.14			
	Dart		4.37	1			4.64	6	4.09	7	4.13	12	3.80	28	3.21	16	3.27	63	4.31	1	134	136	1071	7.9	3.57			
	Avon, Devon							1.47	1					2.05	4	3.80	2	3.04	12	2.23	13			32	32	182	5.7	2.60
	Yealim														1.93	4	3.11	7	2.77	5	2.72	2		18	18	108	6.0	2.71
	Plym														4.54	1	2.84	2	3.89	9	4.08	11		23	23	199	8.6	3.92
	Tavy						4.54	1	4.14	2	3.33	19	3.15	21	3.23	37	2.94	18	6.24	1	99	145	1319	7.1	3.24			
	Tamar				3.29	5	4.58	8	3.81	22	4.49	28	2.80	68	2.53	70	2.99	129	2.84	2	396	404	2743	6.8	3.08			
	Lynher				3.88	2	3.40	1	4.37	1	2.27	3	2.23	3	3.59	18	2.88	32	3.69	1	87	87	578	6.6	3.01			
	Fowey								3.71	1	2.64	4	2.63	6	2.68	8	2.60	13	6.35	1	122	125	924	7.0	3.18			
	Camel								4.32	5	1.86	4	2.42	3	2.34	9	2.92	28	3.32	5	220	241	1882	7.8	3.52			
	Tonridge						4.14	2	3.76	6	3.21	3	3.12	29	3.59	10	2.97	29	3.11	11	90	91	642	7.0	3.19			
	Taw			4.25	5	2.96	8	4.27	31	3.46	35	3.03	117	2.85	70	3.24	150				416	426	3022	7.1	3.22			
	Lyn					5.05	2	3.38	4	3.19	27	2.32	43	2.15	32	2.55	64	2.24	1	2.88	5	178	181	1018	5.6	2.55		
	Others																				11	11	82	7.6	3.39			
Midlands	Severn		4.86	6	6.80	10	5.08	14	5.17	43	5.03	35	4.12	23	2.71	9	3.87	27	3.96	11	4.48	4	182	185	1908	10.3	4.68	
	Others																					1	1	0	0.3	0.11		
Environment Agency Wales	Wye		3.47	10	4.17	5	4.87	3	5.58	52	5.22	87	3.81	156	3.40	135	3.50	90	3.57	82	4.20	7	633	676	6006	8.8	3.99	
	Usk				2.95	3	4.00	3	5.10	13	4.56	103	3.57	114	3.01	107	3.18	162	6.35	1	674	680	5226	7.7	3.49			
	Taff				2.27	1	2.38	3			2.95	2	3.22	5	1.81	1	2.23	6				19	19	108	5.7	2.57		
	Ogmore								2.21	2	2.49	3	3.13	19	2.74	21	2.68	26	2.46	3	87	92	559	6.1	2.76			
	Afan								0.88	2	1.81	1	1.52	4	3.06	4	2.57	11			24	24	124	5.2	2.34			
	Neath								2.10	4	3.21	5	3.37	9	2.84	26	2.29	6			49	50	314	6.3	2.85			
	Tawe								3.53	3	2.72	2	2.22	9	2.71	24	2.82	47			96	96	584	6.1	2.76			
	Loughor										2.41	2	2.99	2	3.60	2			3.80	1	7	7	48	6.9	3.11			
	Tywi						3.29	4	2.93	8	3.87	21	3.37	53	3.19	70	3.68	185	4.33	13	395	408	3231	7.9	3.59			
	Taf				3.01	1	3.57	1	2.60	7	2.54	7	2.94	14	2.82	23	2.86	4	3.86	1	58	58	361	6.2	2.83			
	E+W.Cleddau						3.41	6	0.84	3	1.84	2	2.29	13	2.30	7	2.74	24	1.81	1	60	60	346	5.8	2.61			
	Nevern				2.27	1	4.99	1	1.81	1	2.37	5	2.27	1	3.82	3	2.27	1	3.40	4	17	17	111	6.8	2.97			
	Telfi				4.54	4	3.82	5	4.02	30	3.55	39	3.34	73	3.49	224	3.54	97	3.39	11	483	531	4115	7.8	3.53			
	Aeron														2.66	1					1	1	6	5.9	2.60			
	Ystwyth								2.79	7	2.75	2	2.28	6	2.88	8	2.91	9			32	32	193	6.0	2.74			
	Rheidol				3.18	1	2.84	1	2.44	1	3.02	6	3.01	7	2.42	7	4.11	10	2.72	1	34	34	239	7.0	3.19			
	Dyfi						1.13	1	2.49	15	2.74	17	2.65	28	3.16	65	3.34	26			142	148	968	6.5	2.96			
	Dysynni						1.86	1	2.41	1	3.23	1	3.07	3	2.10	2	2.21	3			11	11	61	5.5	2.52			
	Mawddach								3.30	8	3.37	18	3.06	40	3.18	44	4.14	10			120	140	999	7.2	3.26			
	Arto										2.66	2	2.04	2	1.70	2					6	6	28	4.7	2.14			
	Dwyrdd								1.76	2	2.00	5	2.21	9	2.32	4					20	20	94	4.7	2.13			
	Glaslyn						4.89	1	2.08	7	4.92	6	3.21	3	3.19	3	3.29	1			21	21	158	7.5	3.41			
	Dwyfawr						2.49	2	1.36	2			2.66	4	3.09	3					11	11	61	5.5	2.51			
	Llyfni						0.60	8	1.92	4	3.01	5	2.38	6	3.37	5					28	28	129	4.6	2.09			
	Gwyrfal																				0	0		0.0				
	Selont								0.38	4	2.65	3	3.54	10	3.18	14			2.81	1	32	32	203	6.3	2.88			
	Ogwen						2.55	1	2.69	21	2.69	22	2.97	41	3.10	24			1.36	1	110	110	696	6.3	2.87			
	Conwy				4.08	1	5.90	2	4.48	2	2.45	7	2.81	34	3.12	67	3.12	29	3.18	2	134	134	809	6.8	3.08			
	Clwyd						4.11	3	5.01	4	2.63	7	2.29	18	2.87	64	2.87	10	2.72	1	107	110	672	6.1	2.76			
	Dee				3																							

Table 9 MIGRATORY TROUT ROD CATCHES (released total in brackets) - 1998 season.

Environment Agency Region	River	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-known	Total Number
North East	Aln	-	-	-	0 (0)	8 (0)	11 (2)	20 (1)	17 (2)	18 (2)	10 (1)	-	-	8 (7)	92 (15)
	Coquet	-	-	-	10 (7)	23 (15)	106 (20)	151 (25)	102 (31)	161 (59)	350 (149)	-	-	8 (3)	909 (309)
	Tyne	-	-	-	3 (0)	13 (2)	123 (16)	491 (71)	522 (92)	471 (129)	868 (367)	-	-	74 (33)	2525 (710)
	Wear	-	-	-	3 (2)	25 (5)	173 (37)	210 (47)	156 (38)	193 (81)	251 (131)	-	-	53 (23)	1064 (364)
	Teas	-	-	-	1 (0)	1 (0)	1 (0)	11 (3)	6 (4)	10 (8)	16 (13)	-	-	0 (0)	46 (28)
	Esk	-	-	-	0 (0)	9 (0)	116 (3)	52 (7)	34 (2)	63 (15)	240 (48)	-	-	8 (4)	522 (79)
	Other	-	-	-	11 (8)	1 (0)	4 (3)	5 (2)	1 (0)	10 (3)	3 (0)	-	-	0 (0)	35 (16)
	Total	-	-	-	28 (17)	80 (22)	534 (81)	900 (156)	838 (169)	926 (297)	1738 (709)	-	-	149 (70)	5193 (1521)
Thames	Thames	-	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	-	-	0 (0)	0 (0)
Anglian	Other	-	-	-	0 (0)	3 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	-	-	0 (0)	3 (3)
Southern	Great Ouse	-	-	-	-	0 (0)	0 (0)	1 (1)	2 (2)	0 (0)	14 (6)	-	-	1 (1)	18 (10)
	Adur	-	-	-	-	1 (0)	1 (0)	4 (0)	11 (1)	32 (12)	12 (7)	-	-	0 (0)	61 (20)
	Ouse (Sussex)	-	-	-	-	0 (0)	6 (0)	8 (1)	3 (0)	15 (6)	4 (3)	-	-	2 (1)	38 (11)
	Itchen	-	-	-	-	9 (7)	5 (4)	41 (24)	251 (170)	313 (282)	88 (77)	-	-	2 (0)	709 (544)
	Test	-	-	-	-	3 (3)	5 (2)	16 (8)	17 (10)	38 (27)	4 (2)	-	-	3 (2)	86 (35)
	Beaulieu	-	-	-	-	0 (0)	0 (0)	4 (0)	25 (5)	11 (5)	10 (9)	-	-	0 (0)	50 (19)
	Lymington	-	-	-	-	0 (0)	1 (0)	4 (0)	2 (1)	7 (4)	10 (3)	-	-	12 (7)	36 (15)
	Others	-	-	-	-	3 (0)	11 (1)	7 (1)	4 (0)	7 (2)	3 (1)	-	-	0 (0)	35 (5)
	Total	-	-	-	-	16 (10)	29 (7)	85 (36)	315 (189)	423 (318)	145 (108)	-	-	20 (11)	1033 (679)
	Avon	-	-	-	0 (0)	2 (1)	8 (5)	65 (52)	146 (137)	296 (284)	279 (280)	-	-	16 (11)	812 (750)
South West	Stour	-	-	-	0 (0)	0 (0)	1 (0)	7 (7)	14 (13)	18 (12)	10 (7)	-	-	0 (0)	50 (39)
	Piddle	-	-	-	1 (1)	1 (1)	0 (0)	0 (0)	7 (0)	0 (0)	0 (0)	-	-	0 (0)	9 (2)
	Frome	-	-	-	3 (3)	4 (0)	9 (8)	21 (17)	34 (32)	60 (33)	28 (19)	-	-	99 (66)	258 (198)
	Axe	-	-	-	3 (0)	22 (8)	53 (28)	64 (31)	107 (32)	116 (50)	48 (21)	-	-	5 (5)	418 (176)
	Otter	-	-	-	0 (0)	0 (0)	1 (0)	23 (17)	30 (24)	28 (18)	-	-	-	5 (1)	87 (60)
	Exe	-	-	-	0 (0)	1 (1)	6 (1)	12 (8)	19 (6)	12 (6)	-	-	-	1 (0)	51 (20)
	Teltn	-	-	-	5 (1)	40 (11)	111 (16)	137 (38)	208 (91)	281 (130)	194 (87)	-	-	41 (12)	1017 (386)
	Dart	-	-	-	0 (0)	23 (9)	192 (60)	77 (13)	152 (49)	388 (240)	203 (129)	-	-	92 (84)	1137 (584)
	Avon (Devon)	-	-	-	0 (0)	17 (5)	10 (5)	17 (3)	62 (19)	31 (14)	-	-	-	26 (25)	163 (71)
	Erme	-	-	-	0 (0)	0 (0)	5 (3)	5 (0)	6 (2)	11 (6)	-	-	-	2 (2)	29 (13)
	Yealm	-	-	-	0 (0)	1 (0)	0 (0)	20 (7)	35 (10)	6 (2)	14 (2)	-	-	1 (1)	77 (22)
	Plym	-	-	-	1 (1)	27 (3)	53 (0)	20 (4)	18 (6)	14 (7)	19 (15)	-	-	50 (42)	202 (78)
	Tavy	-	-	-	1 (0)	5 (1)	3 (1)	21 (7)	48 (23)	106 (15)	53 (25)	-	-	9 (2)	246 (74)
	Tamar	-	-	-	0 (0)	1 (0)	19 (7)	37 (12)	133 (42)	116 (54)	50 (35)	-	-	120 (88)	475 (238)
	Lynher	-	-	-	3 (1)	17 (4)	17 (2)	40 (18)	87 (29)	55 (19)	77 (43)	-	-	4 (1)	310 (117)
	Looe	-	-	-	0 (0)	1 (0)	4 (4)	20 (4)	14 (6)	7 (0)	-	-	-	0 (0)	48 (14)
	Fowey	-	-	-	11 (1)	39 (6)	164 (67)	374 (130)	202 (94)	112 (88)	-	-	-	111 (102)	1013 (488)
	Camel	-	-	-	0 (0)	20 (13)	63 (35)	186 (106)	179 (126)	75 (62)	-	-	-	135 (69)	658 (411)
	Torridge	-	-	-	0 (0)	6 (0)	15 (3)	61 (22)	121 (56)	78 (40)	43 (29)	-	-	11 (4)	335 (154)
	Taw	-	-	-	10 (6)	11 (3)	52 (29)	136 (62)	265 (139)	246 (155)	130 (81)	-	-	19 (5)	869 (460)
	Lyn	-	-	-	0 (0)	0 (0)	0 (0)	17 (5)	26 (8)	7 (1)	21 (17)	-	-	0 (0)	71 (31)
	Others	-	-	-	0 (0)	0 (0)	8 (0)	16 (3)	13 (6)	38 (32)	11 (6)	-	-	1 (1)	85 (48)
	Total	-	-	-	20 (9)	149 (36)	574 (154)	906 (347)	1910 (832)	2165 (1186)	1581 (1042)	365 (307)	-	748 (541)	8418 (4454)
Midlands	Severn	-	-	-	0 (0)	0 (0)	10 (1)	10 (0)	24 (0)	24 (4)	2 (0)	-	-	1 (1)	71 (8)
Environment Agency Wales	Wye	-	-	-	1 (0)	2 (1)	4 (1)	6 (0)	10 (6)	6 (5)	10 (7)	2 (1)	-	2 (2)	43 (23)
	Usk	-	-	-	4 (1)	8 (3)	47 (40)	88 (76)	44 (32)	81 (62)	102 (80)	36 (27)	-	0 (0)	410 (321)
	Ebbw	-	-	-	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	-	-	0 (0)	0 (0)
	Rhymney	-	-	-	0 (0)	1 (1)	2 (1)	1 (0)	2 (1)	3 (2)	0 (0)	-	-	0 (0)	11 (6)
	Taff	-	-	-	11 (10)	12 (10)	7 (6)	45 (40)	61 (57)	67 (62)	17 (11)	2 (2)	-	14 (14)	236 (212)
	Ogmore	-	-	-	0 (0)	0 (0)	31 (25)	116 (77)	207 (111)	229 (132)	219 (137)	57 (34)	-	52 (32)	911 (548)
	Afan	-	-	-	0 (0)	2 (1)	18 (18)	28 (11)	64 (33)	77 (41)	71 (44)	17 (11)	-	9 (9)	286 (169)
	Neath	-	-	-	0 (0)	2 (0)	12 (7)	39 (26)	77 (50)	104 (78)	57 (37)	40 (33)	-	1 (0)	332 (231)
	Tawe	-	-	-	2 (1)	1 (1)	4 (3)	27 (12)	51 (33)	88 (50)	54 (33)	61 (38)	-	6 (6)	294 (177)
	Loughor	-	-	-	5 (5)	5 (2)	42 (18)	124 (52)	124 (57)	79 (29)	8 (5)	-	-	5 (0)	382 (198)
	Gwendra. Fawr	-	-	-	0 (0)	0 (0)	14 (10)	2 (2)	7 (2)	6 (4)	0 (0)	-	-	0 (0)	29 (18)
	Gwendra. Fach	-	-	-	0 (0)	0 (0)	21 (3)	22 (1)	24 (3)	16 (2)	2 (0)	-	-	0 (0)	85 (9)
	Tywi	-	-	-	48 (9)	159 (38)	761 (231)	1398 (485)	1097 (487)	584 (290)	63 (42)	-	-	463 (247)	4593 (1826)
	Taf	-	-	-	2 (0)	9 (3)	92 (27)	130 (35)	139 (55)	63 (14)	1 (0)	-	-	45 (8)	481 (142)
	E+W.Cleddau	-	-	-	18 (15)	19 (2)	298 (119)	388 (172)	219 (114)	102 (57)	4 (1)	-	-	75 (46)	1123 (520)
	Nevern	-	-	-	2 (0)	3 (2)	98 (26)	270 (46)	219 (21)	101 (15)	29 (0)	-	-	34 (0)	756 (1)
	Telfi	-	-	-	10 (2)	79 (35)	749 (383)	1046 (505)	838 (348)	410 (235)	88 (59)	-	-	587 (121)	3605 (1668)
	Aeron	-	-	-	0 (0)	1 (0)	135 (37)	136 (1)	115 (24)	81 (26)	6 (1)	-	-	7 (7)	481 (96)
	Ystwyth	-	-	-	0 (0)	7 (7)	55 (27)	109 (53)	238 (157)	133 (96)	21 (10)	-	-	30 (30)	583 (380)
	Rhiddol	-	-	-	0 (0)	0 (0)	0 (0)	50 (27)	123 (62)	116 (89)	70 (58)	26 (20)	-	46 (45)	431 (301)
	Dyfi	-	-	-	0 (0)	0 (0)	7 (1)	313 (105)	632 (276)	459 (283)	211 (119)	32 (30)	-	133 (123)	1787 (937)
	Dysynni	-	-	-	18 (9)	44 (30)	58 (29)	70 (31)	143 (66)	195 (131)	162 (115)	14 (5)	-	24 (17)	729 (435)
	Mawddach	-	-	-	0 (0)	0 (0)	14 (10)	76 (38)	221 (150)	311 (219)	173 (101)	39 (30)	-	100 (95)	934 (643)
	Artro	-	-	-	0 (0)	1 (0)	0 (0)	6 (0)	8 (1)	21 (9)	3 (2)	0 (0)	-	0 (0)	37 (12)
	Dwyrhyd	-	-	-	0 (0)	1 (0)	2 (0)	12 (6)	30 (14)	51 (17)	47 (16)	4 (3)	-	6 (6)	153 (62)
	Glaslyn	-	-	-	0 (0)	88 (25)	31 (21)	55 (18)	61 (13)	53 (21)	45 (25)	7 (7)	-	53 (32)	393 (162)
	Dwylfawr	-	-	-	0 (0)	0 (0)	0 (0)	62 (25)	233 (120)	595 (356)	333 (185)	83 (39)	-	31 (21)	1337 (746)
	Llyfnl	-	-	-	0 (0)	0 (0)	0 (0)	42 (30)	247 (116)	451 (255)	200 (95)	60 (27)	-	35 (12)	1035 (535)
	Gwyrfa	-	-	-	0 (0)	0 (0)	0 (0)	0 (0)	5 (5)	17 (0)	1 (0)	0 (0)	-	0 (0)	23 (5)
	Selont	-	-	-	0 (0)	0 (0)	0 (0)	1 (0)	14 (10)	24 (12)	10 (5)	1 (0)	-	0 (0)	50 (27)
	Ogwen	-	-	-	0 (0)	0 (0)	0 (0)	13 (2)	34 (7)	49 (7)	81 (35)	7 (4)	-	18 (18)	182 (73)
	Conwy	-	-	-	0 (0)	11 (3)	3 (0)	30 (12)	127 (67)	128 (65)	115 (48)	33 (30)	-	67 (28)	514 (253)
	Clwyd	-	-	-	1 (1)	6 (4)	26 (22)	130 (81)	647 (452)	495 (323)	318 (169)	62 (46)	-	45 (44)	1730 (1142)
	Dee	-	-	-	0 (0)	1 (0)	2 (1)	19 (11)	61 (31)	78 (40)	82 (54)	19 (10)	-	3 (1)	265 (148)
	Others	-	-	-	0 (0)	0 (0)	4 (4)	0 (0)	39 (30)	46 (32)	20 (10)	9 (3)	-	22 (22)	140 (101)
	Total	-	-	-	38 (22)	265 (109)	554 (278)	3494 (1509)	6764 (3097)	6563 (3558)	3959 (2156)	831 (518)	-	1933 (986)	24401 (12233)
North West	Ribble	-	-	-	-	39 (33)	126 (53)	533 (286)	408 (264)	272 (188)	107 (83)	-	-	150 (136)	1635 (1041)
	Wyre	-	-	-	-	0 (0)	7 (1)	26 (13)	17 (2)	14 (8)	7 (6)	-	-	0 (0)	71 (30)
	Lune	-	-	-	-	53 (34)	359 (122)	812 (370)	523 (332)	557 (387)	195 (149)	-	-	231 (183)	2730 (1577)
	Kent	-	-	-	-	16 (4)	86 (48)	166 (73)	143 (66)	86 (43)	17 (15)	-	-	62 (62)	576 (311)
	Leven	-	-	-	-	2 (1)	14 (10)	42 (29)	54 (31)	56 (40)	30 (28)	-	-	2 (0)	200 (139)
	Duddon	-	-	-	-	0 (0)	1 (1)	18 (18)	53 (42)	35 (30)	7 (7)	-	-	1 (0)	115 (88)
	Esk	-	-	-	-	0 (0)	54 (33)	86 (51)	69 (42)	22 (14)	16 (14)	-	-	7 (2)	254 (156)
	Irt	-	-	-	-	0 (0)	3 (1)	50 (40)	100 (72)	38 (29)	53 (43)	-	-	0 (0)	244 (185)
	Caldar	-	-	-	-	0 (0)	1 (0)	0 (0)	4 (2)	4 (3)	4 (3)	-	-	1 (1)	14 (0)
	Ehen	-	-	-	-	0 (0)	35 (19)	122 (92)	183 (138)	227 (194)	62 (55)	-	-	2 (1)	631 (499)
	Derwent	-	-	-	-	5 (1)	40 (1)	117 (75)	206 (155)	137 (113)	55 (46)	-	-	1 (1)	581 (392)
	Ellen	-	-	-	-	0 (0)	0 (0)	2 (1)	0 (0)	9 (6)	2 (1)	-	-	1 (0)	

Table 10 MIGRATORY TROUT, AVERAGE MONTHLY WEIGHT (Kg) and sample size - 1998 season.

Environment Agency Region	River	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Un-known	Total Sample	Total Catch	Total est. Wt. (lb)	Ave. Wt. (lb)	Ave. Wt. (kg)	
North East	Ain		0.34 1			2.58 8	1.86 11	1.50 20	1.38 17	1.65 18	1.60 10			0.70 7	92	92	321	3.49	1.58	
	Coquet		1.81 2	4.56 1	0.87 10	0.76 23	1.54 106	1.64 149	1.57 96	1.49 168	1.90 338			2.42 3	886	909	3350	3.68	1.67	
	Tyne		1.53 4	1.59 2	0.79 3	1.44 13	2.23 121	1.86 444	1.82 513	2.02 456	2.03 844			1.11 34	2434	2525	10757	4.28	1.94	
	Wear		1.36 1		2.04 3	1.25 25	2.03 173	2.00 210	1.93 158	1.81 193	1.87 248			0.99 51	1058	1084	4375	4.11	1.87	
	Tees				1.53 1	1.11 1	1.81 1	0.52 11	1.52 6	1.31 6	1.13 16				44	46	111	2.40	1.09	
	Esk					1.00 9	1.44 111	1.44 51	1.53 34	1.53 61	1.98 235			1.56 3	504	522	1856	3.75	1.70	
	Other														35	35	56	1.60	0.73	
Thames	Thames																			
Anglian	Other														3	3	6	2.06	0.94	
Southern	Great Ouse							1.08 1	2.27 2		0.68 14			1.81 1	18	18	37	2.06	0.94	
	Adur					3.86 1	2.95 1	1.96 4	1.74 11	1.97 32	1.53 12				61	61	254	4.16	1.89	
	Ouse (Sussex)				2.04 1		2.63 6	3.00 8	2.48 3	1.63 15	0.86 4			1.36 1	38	38	173	4.55	2.07	
	Itchen					0.78 9	0.86 5	0.95 41	0.70 248	0.63 313	0.70 88			2.61 2	708	709	1082	1.53	0.69	
	Test					0.38 3	1.35 5	1.75 14	0.78 17	0.92 31	1.21 4			0.40 2	76	86	200	2.32	1.05	
	Beaulieu							1.71 4	1.08 25	0.65 11	0.54 10				50	50	102	2.05	0.93	
	Lymington				0.40 7			0.98 2	0.54 2	0.73 7	0.94 10			0.57 2	31	36	58	1.61	0.73	
	Others						1.13 1								34	35	161	4.59	2.06	
	South West	Avon					0.68 2	0.99 8	0.55 64	0.45 145	0.45 289	0.48 276			0.69 16	800	812	853	1.05	0.48
		Slour						1.53 1	0.49 7	0.45 14	0.87 16	1.18 10				50	50	85	1.71	0.77
Piddle					0.40 1	0.40 1			1.77 7						9	9	29	3.22	1.46	
Frome					0.40 3	0.72 4	0.75 9	0.84 21	0.53 34	0.67 60	0.99 28			0.82 99	258	258	454	1.76	0.80	
Axe				0.40 4	1.81 3	1.52 22	1.18 53	1.00 84	0.63 101	0.73 112	0.92 48				407	418	804	1.93	0.88	
Otter							1.62 1	0.63 23	0.52 30	0.88 28				1.25 5	87	87	138	1.58	0.72	
Exe						1.36 1	1.17 6	0.75 12	0.77 10	0.85 12				3.18 1	51	51	100	1.90	0.89	
Teign			1.47 1	1.60 5	1.43 40	1.17 102	0.93 126	0.73 202	0.57 281	0.67 194				0.57 40	991	1017	1737	1.70	0.77	
Dart					1.87 23	1.34 190	1.02 77	0.84 149	0.57 390	0.59 203				0.55 20	1052	1137	1984	1.78	0.81	
Avon (Devon)						1.14 17	1.20 10	0.70 17	0.49 62	0.56 31				0.58 23	160	163	235	1.44	0.65	
Erme							0.43 5	0.70 5	0.88 6	0.62 11				0.45 2	29	29	41	1.42	0.64	
Yealm						0.81 1	0.95 20	0.69 29	0.92 6	0.59 14				0.40 1	68	77	120	1.68	0.76	
Plym			0.91 1	1.08 27	1.25 53	1.27 20	0.80 18	0.78 14	0.61 19					0.45 43	195	202	423	2.02	0.92	
Tavy			1.02 1	1.15 5	1.22 3	1.02 21	0.62 48	0.58 97	0.56 63					1.00 7	235	246	355	1.45	0.66	
Tamar				1.02 1	1.16 18	0.88 37	0.60 133	0.52 114	0.47 50					0.48 115	468	475	802	1.27	0.58	
Lynher			1.21 3	1.08 17	1.03 17	0.85 40	0.57 97	0.67 55	0.65 75					1.00 3	307	310	482	1.55	0.71	
Loos						0.94 1	0.47 4	0.55 20	0.53 14	0.48 7					46	46	54	1.18	0.54	
Fowey					1.32 11	1.10 39	0.68 158	0.52 367	0.51 202	0.53 104				0.55 94	976	1013	1287	1.28	0.58	
Canal						0.68 20	0.54 63	0.49 185	0.45 178	0.46 75				0.45 62	573	658	895	1.07	0.48	
Torridge					0.65 8	1.01 15	0.96 59	0.69 116	0.61 72	0.72 37				0.73 11	316	335	547	1.64	0.74	
Taw			0.81 10	2.44 11	1.03 50	0.98 128	0.74 261	0.70 216	0.81 125		0.81 125			0.49 19	820	869	1551	1.79	0.81	
Lyn						1.36 17	1.18 26	1.09 7	0.63 21						71	71	165	2.32	1.05	
Others															83	85	157	1.86	0.85	
Midlands	Severn		0.40 1			0.81 3	0.45 1	0.81 2	0.40 4	0					11	71	98	1.30	0.59	
Environment Agency Wales	Wye		0.88 2	0.57 1	0.60 2	0.75 4	1.62 6	1.10 6	0.44 6	0.44 9	2.49 2				38	43	87	2.00	0.91	
	Usk			0.42 4	0.44 8	0.41 46	0.49 68	0.68 44	0.55 81	0.60 102	0.59 36				409	410	486	1.21	0.55	
	Ebbw																			
	Rhymney				0.34 1	0.45 2	0.91 1	0.60 2	0.45 2	1.29 3					11	11	18	1.63	0.74	
	Taff			0.47 11	0.49 12	0.57 7	0.83 6	0.95 7	0.83 7	0.87 7	1.53 2			0	59	238	412	1.51	0.69	
	Ogmore				0.77 31	0.81 116	1.02 205	0.89 227	0.97 214	1.01 53				1.12 22	868	911	1896	2.07	0.94	
	Alfan				0.58 2	0.40 18	1.12 28	0.96 64	0.94 77	1.02 68	1.12 17			0.41 9	283	286	593	2.07	0.94	
	Neath				3.67 2	2.08 10	1.12 38	1.07 75	0.74 101	1.20 56	0.66 40			0.81 1	323	332	730	2.19	0.99	
	Tawe		0.79 2	0.91 1	0.40 4	0.92 27	0.78 51	0.58 68	0.80 54	0.56 59				0.40 6	292	294	439	1.49	0.68	
	Loughor				0.40 5	0.73 5	1.39 42	0.90 124	0.74 124	0.94 76	0.64 8			0.88 5	389	392	776	1.98	0.90	
	Gwendra. Fa					0.69 14	0.68 2	1.03 7	0.68 6						29	29	49	1.70	0.77	
	Gwendra. Fa					0.61 21	0.70 22	0.73 24	0.82 16	1.13 2					85	85	135	1.68	0.72	
	Tywl		1.13 1	1.02 2	2.16 48	1.66 149	1.22 716	1.04 1297	0.87 1028	1.00 565	1.02 62			0.51 445	4313	4593	10143	2.21	1.00	
	Taf				0.86 2	0.84 9	0.87 88	0.83 126	0.68 130	0.81 61	0.74 1			0.49 21	438	461	805	1.71	0.78	
	E+W. Cleddau				0.46 18	1.07 19	0.57 293	0.59 384	0.51 213	0.58 99	0.60 4			0.50 52	1082	1123	1405	1.26	0.57	
	NeVERN				0.40 2	0.53 3	0.63 98	0.59 250	0.57 214	0.52 95	0.49 27			0.45 34	723	756	946	1.25	0.57	
	Telfi				1.25 10	0.64 67	0.61 696	0.53 1021	0.58 612	0.62 385	0.57 78			0.57 227	3008	3605	4597	1.28	0.58	
	Aeron		0.40 4		0.68 1	0.58 135	0.54 136	0.50 115	0.48 81	0.44 6				0.53 3	481	481	581	1.17	0.53	
	Ystwyth				0.58 7	0.78 55	0.74 108	0.58 235	0.56 133	0.88 21				0.54 30	587	593	829	1.40	0.63	
	Rheidol					0.97 50	0.85 123	0.68 116	0.56 70	0.45 26				0.40 40	425	431	664	1.55	0.70	
	Dyfi					1.62 7	1.17 275	1.06 536	0.72 444	0.85 199	1.07 23			0.49 108	1692	1787	3656	2.03	0.92	
	Dysynni			0.61 19	0.56 44	0.53 58	0.82 69	0.57 135	0.56 178	0.63 148	0.79 14			0.55 24	687	729	972	1.33	0.61	
	Mawddach					0.79 14	0.90 76	0.68 216	0.55 309	0.69 173	0.64 37			0.45 78	903	934	1305	1.41	0.64	
	Afno				0.88 1		1.02 6	0.84 6	0.60 21	0.40 3					37	37	57	1.53	0.69	
	Dwyrdd				0.69 1	1.02 2	0.50 12	0.58 30	0.54 51	0.47 47	0.47 4			0.40 6	153					

Table 11 SUMMARY OF SALMON NET CATCHES, 1988 - 1998

Environment Agency Region	River/ Fishery	Fishing Method	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	
North East Northumbria	Coastal (N)	Drift nets	29067	19101	23108	12548	12196	22716	26807	32774	11739	13133	10273	
		T nets	2613	3841	2552	2427	2205	2198	4185	4158	3286	2347	818	
	Coastal (S)	Drift nets	12999	12227	17388	7550	4166	12183	11555	12871	2757	4348	5195	
		T nets	0	0	0	0	0	0	0	0	2	0	12	
	North East Yorkshire	Coastal	Drift nets	5399	4908	7723	2365	1212	4325	2936	2360	676	1760	1860
		T or J nets.	771	1376	759	539	365	378	1071	1049	121	334	107	
Whole area		Total	50849	41463	51530	25429	20144	41800	46554	53210	18581	21922	18265	
Anglian	Coastal	Drift nets	0	0	0	0	0	2	0	0	0	0	0	
		Other nets (var.)	0	4	9	34	11	2	3	5	3	0	3	
	Whole area	Total	0	4	9	34	11	4	3	5	3	0	3	
Southern	Hants area	Seine nets	17	16	2	0	6	11	4	0	0	0	0	
	Itchen	Seine nets	460	67	41	25	0	0						
	Whole area	Total	477	83	43	25	6	11	4	0	0	0	0	
South West	Avon + Stour Poole Harbour Parrett	Seine nets	556	337	268	114	122	117	137	93	83	123	86	
		Seine net	94	78	61	18	23	20	18	15	8	15	27	
		Dip nets	73	106	35	5	14	3	6	0	0	0	0	
		Putcher ranks	13	72	36	30	29	20	32	14	5	14	15	
		River total	86	178	71	35	43	23	38	14	5	14	15	
	Exe	Seine nets	2750	3044	835	592	1008	714	1230	368	399	408	287	
		Seine nets	1506	1933	1046	624	861	977	882	328	533	278	414	
	Dart	Seine nets	1956	2004	1085	341	910	520	787	636	460	317	251	
	Avon	Fixed Engine	0	0	0	0	0	0	0	0	0	0	0	
	Camel	Drift nets	729	0	0	0	224	148	104	249	345	83	119	
	Tavy	Seine nets	447	108	373	124	521	485	691	295	276	87	0	
	Tamar	Seine nets	2645	1370	1653	859	1464	1544	1990	971	716	339	58	
	Tavy/Tamar	Seine net												
	Lynher	Seine nets	452	307	258	113	228	317	318	60	93	28	73	
	Fowey	Seine nets	99	210	160	60	64	125	113	14	13	6	12	
	Taw/Torridge	Seine nets	465	910	0	0	0	0	0	0	2081	752	398	
	Lyn	Fixed Engine	14	205	82	17	53	27	129	208	81	16	19	
		Whole area	Total	11799	10684	5892	2897	5521	5017	6437	3251	5093	2466	1759
	Midlands	Severn	Seine nets	146	502	319	43	116	47	513	179	249	66	68
Lave nets			617	1040	880	338	496	236	283	435	181	266	174	
Fixed Engines			2748	2822	3198	1366	1505	667	1525	1974	1178	950	832	
Whole area		Total	3511	4364	4397	1747	2117	950	2321	2588	1608	1282	1074	
Environment Agency Wales	Wye	Lave nets	19	0	31	6	7	6	4	4	7	10	3	
		Drift nets	1807	1893	1827	1154	1027	882	1697	698	861	776	572	
		Putcher rank	762	534	326	398	418	344	517	377	267	189	205	
		River total	2569	2427	2153	1552	1445	1226	2214	1075	1128	965	777	
	Tywi	Seine nets	263	217	118	55	11	62	70	88	35	11	35	
		Coracle nets	53	57	44	49	27	73	96	75	6	18	4	
		River total	316	274	162	104	38	135	166	163	41	29	39	
		Wade net	0	0	0	1	0	0	2	1	1	0	0	
	Taf	Coracle net	6	0	9	5	7	13	28	9	5	5	3	
		River total	6	0	9	6	7	13	30	10	6	5	3	
		Wade nets	37	7	45	8	2	2	4	2	0	0	0	
		Seine nets	9	16	6	0	0	0	12	5	0	7	0	
	S.W.Coastal	River total	46	23	51	8	2	2	16	7	0	7	0	
		Compass nets	23	52	8	3	8	51	39	72	25	3	13	
		Seine net	19	14	1	0	8	19	37	29	0	2	13	
		Seine nets	96	80	193	60	67	76	211	178	90	78	111	
	Telfi	Coracle nets	49	48	166	42	25	44	78	84	71	39	46	
		River total	145	128	359	102	92	120	289	262	161	117	157	
		Seine nets	56	152	68	18	30	28	93	46	36	7	7	
		Seine net	21	33	22	7	7	1	0	2	0	3	8	
	Mawddach	Seine nets	4	37	20	7	8	1	7	3	2	1	0	
		Seine nets	21	35	19	20	18	2	26	3	0	0	20	
		Seine nets	18	105	147	20	5	4	16	13	9	2	0	
		Seine nets	0	0	0	0	0	0	0	0	4			
	N. Caernarfon	Seine nets	221	174	157	29	134	201	88	79	55	40	0	
		Seine nets	156	117	171	90	105	69	90	63	136	92	70	
		Basket trap	24	0	6	9	12	19	27	7	7	4	17	
		Seine nets	143	186	86	63	70	32	63	73	38	34	9	
	Clwyd	River total	167	186	92	72	82	51	90	80	45	38	26	
		Sling nets	267	89	63	135	105	238	223	64	224	140	0	
		Trammel nets	320	381	235	193	187	444	418	504	447	431	663	
		Seine nets	616	831	609	672	639	713	1149	560	605	736	501	
	Dee	River total	936	1212	844	865	826	1157	1567	1064	1052	1167	1164	
		Total	5010	5058	4377	3044	2927	3324	4995	3039	2931	2628	2300	
North West	Ribble	Drift nets	829	502	239	206	102	205	347	160	172	69	118	
		Haaf nets	580	1158	1180	567	604	931	1028	632	522	435	389	
		Drift nets	2402	2284	1405	1472	868	2038	1924	859	783	676	525	
		Seine net	76	62	97	65	29	0	17	31	36	25	3	
		River total	3058	3504	2682	2104	1501	2969	2969	1522	1341	1136	917	
	Kent	Lave nets	102	357	197	185	68	104	82	109	45	99	20	
		Lave nets	27	95	53	70	8	14	36	39	33	42	18	
	Duddon	Seine net	15	21	40	17	1	25						
		S&W Cumbria area	Drift nets + var. nets	760	844	485	195	454	250	488	728	715	366	39
	Eden + Esk area	Haaf nets + var. nets	880	1971	1883	1722	989	1893	2221	3008	2158	1449	650	
		Whole area	Total	5671	7294	5579	4493	3123	5460	6143	5566	4464	3161	1778
	England and Wales			77317	68940	71827	37675	33849	56566	66457	67659	32680	31459	25179

Table 12 SUMMARY OF MIGRATORY TROUT NET CATCHES, 1988 - 1998

Environment Agency Region	River/ Fishery	Fishing Method	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
North East Northumbria	Coastal (N)	Drift nets	4792	9294	5032	4414	5116	3995	6850	9993	5657	4681	4653
		T nets	12197	19825	8609	6880	8456	9754	12816	10816	7002	6813	4645
	Coastal (S)	Drift nets	15722	19507	14919	13575	9501	8144	11744	14817	4922	5245	4609
		T nets	0	0	0	0	0	0	0	0	20	0	207
North East Yorkshire	Coastal	Drift nets	5502	6007	5873	4070	2859	4294	4667	4711	2746	2461	2077
		T or J nets	16072	16736	9984	11714	6137	5627	15069	14102	7151	9322	6069
	Whole area	Total	54285	71389	44417	40653	32069	31814	51136	54439	27398	28522	22260
Anglian	Coastal	Drift nets	no					1419	917	1370	1380	1420	723
		Other nets (var.)	return	3815	2313	2293	2967	324	320	336	530	372	205
	Whole area	Total	0	3815	2313	2293	2967	1743	1237	1706	1910	1792	928
Southern	Hants area	Seine nets	39	41	4	0	19	7	4	4	0	17	6
		Seine nets	193	129	46	63	117	0	0	0	0	0	0
	Whole area	Total	232	170	50	63	136	7	4	4	0	17	6
South West	Avon + Stour Poole Harbour Parrett	Seine nets	467	333	461	298	225	281	505	336	178	391	218
		Seine net	38	32	20	14	21	28	11	16	4	2	17
		Dip nets	0	0	1	0	0	0	0	0	0	0	0
		Putcher ranks	0	0	2	0	0	0	0	0	0	0	0
		River total	0	0	3	0	0	0	0	0	0	0	0
		Seine nets	38	43	6	37	8	21	13	20	16	14	14
	Exe	Seine nets	1279	1407	936	982	476	837	642	469	291	471	415
	Telgn	Seine nets	877	781	579	424	565	630	491	875	387	384	552
	Dart	Seine nets	0	0	0	0	0	0	0	0	0	0	0
	Avon	Fixed Engine	107	0	0	0	33	1	29	72	29	40	7
	Camel	Drift nets	75	73	134	118	199	112	112	118	61	12	0
	Tavy	Seine nets	308	201	162	207	185	237	170	127	162	38	36
	Tamar	Seine nets											
	Tavy/Tamar	Seine net	22	33	66	46	42	15	34	19	11	3	0
	Lynher	Seine nets	193	221	156	139	110	140	89	52	39	40	8
	Fowey	Seine nets	1419	698	0	0	0	0	0	0	1317	770	343
	Taw/Tonridge	Seine nets	46	134	32	17	29	13	52	26	16	14	9
	Lyn	Fixed Engine	4869	3958	2555	2262	1893	2302	2156	2123	2515	2181	1619
	Whole area	Total											
Midlands	Severn	Seine nets	0	0	0	0	0	0	0	0	0	0	0
		Lave nets	0	0	0	0	0	0	0	0	0	0	0
		Fixed Engines	0	0	0	0	0	0	0	0	0	0	0
	Whole area	Total	0	0	0	0	0	0	0	0	0	0	0
Environment Agency Wales	Wye	Lave nets	0	0	0	0	0	0	0	0	0	0	0
		Drift nets	51	84	90	47	49	47	21	25	15	7	9
		Putcher rank	9	16	1	11	27	5	6	6	3	4	4
		River total	60	100	91	58	76	52	27	31	18	11	13
	Tywi	Seine nets	829	1113	685	631	82	440	368	326	254	243	203
		Coracle nets	819	1166	867	489	473	365	691	731	94	176	246
		River total	1648	2279	1552	1120	555	805	1079	1057	348	419	449
		Wade net	5	3	0	1	4	0	4	1	2	6	2
	Taf	Coracle net	131	90	56	44	73	101	154	135	11	5	50
		River total	136	93	56	45	77	101	158	136	13	11	52
		Wade nets	113	67	85	20	20	9	5	24	0	0	0
		Seine nets	143	146	72	4	0	0	17	33	0	50	0
	S.W.Coastal	River total	256	213	157	24	20	9	22	57	0	50	0
		Compass nets	14	9	2	2	2	17	18	5	11	4	3
		Seine net	0	12	4	0	46	19	98	46	0	16	49
		Seine nets	327	259	134	114	100	75	310	270	85	64	155
	E+W.Cieddau Nevern	Coracle nets	365	308	443	198	85	94	310	280	135	193	237
		River total	692	567	577	312	185	169	620	550	220	257	392
		Seine nets	1520	1739	453	308	157	142	321	157	161	106	70
		Seine net	272	157	93	5	5	3	5	4	19	20	50
	Mawddlach	Seine nets	13	23	5	0	1	4	4	7	0	1	0
		Seine nets	152	280	70	68	81	48	64	32	0	0	40
		Seine nets	291	204	43	129	80	47	101	73	60	11	0
		Seine nets	11	14	2	0	0	0	0	0	5	0	0
	N. Caernarfon	Seine nets	138	132	85	15	78	65	34	53	20	14	0
		Seine nets	155	47	67	58	46	21	44	30	46	50	30
		Basket trap	0	0	0	0	0	0	0	0	0	0	0
		Seine nets	115	69	30	13	11	5	14	22	3	9	10
	Clwyd Dee	River total	115	69	30	13	11	5	14	22	3	9	10
		Sling nets	941	395	261	385	129	135	329	134	581	262	0
		Trammel nets	49	27	9	39	8	3	28	18	19	8	15
		Seine nets	128	80	31	124	90	39	53	14	84	73	19
	S&W Cumbria area	River total	177	107	40	163	98	42	81	32	103	81	34
		Total	6591	6440	3588	2705	1647	1684	3019	2426	1608	1322	1192
	Whole area	Total											
North West	Ribbles Lune	Drift nets	17	22	26	24	24	22	70	22	22	20	16
		Haaf nets	1742	1172	778	464	1064	594	1172	1170	665	327	350
		Drift nets	164	187	210	296	308	244	147	50	130	120	97
		Seine net	118	120	23	109	28	0	0	2	14	11	6
		River total	2024	1479	1011	869	1400	838	1319	1222	809	458	453
		Lave nets	27	80	10	18	6	0	1	1	0	1	1
	Leven	Lave nets	28	50	13	7	0	6	7	7	25	18	7
		Seine net	155	187	3	54	25	26	0	0	0	0	0
	Duddon	Seine net	7	70	15	16	0	0	0	2	6	4	0
		Drift nets + var. nets	4949	3849	2193	1939	1736	1445	1946	2176	966	651	677
	Eden + Esk area	Haaf nets + var. nets	7207	5737	3271	2927	3191	2337	3343	3430	1828	1152	1154
		Total											
	Whole area	Total											
England and Wales			73184	81487	56194	50903	41903	39887	60895	64128	35259	34986	27159

Table 13 SUMMARY OF REPORTED SALMON ROD CATCH, 1988-1998.

Environment Agency Region	River	1988	1989	1990	1991	1992	(c)	1993	(c)	1994	1995	1996	1997	1998
North East	Aln	14	11	7	19	4		2		3	8	2	13	14
	Coquet	495	302	229	424	494		311		294	537	503	683	596
	Tyne	1452	744	1108	682	1086		1213		1267	1236	1667	1460	1808
	Wear	180	124	105	138	165		130		208	272	294	200	368
	Tees	11	3	3	1	11		14		38	100	26	27	118
	Other	0	0	0	0	3		0		11	13	3	15	1
	Esk	49	11	14	11	42		25		118	32	14	46	35
	Ouse	0	0	0	0	3		1		0	3	5	2	1
	Total	2201	1195	1466	1275	1808		1696		1939	2201	2514	2445	2941
Thames	Thames	12	8	9	1	0	(10)	2	(16)	11	13	34	2	0
Southern	Test	603	503	292	141	12	(b) (260)	48	(340)	246	168	122	49	204
	Itchen	449	359	193	103	6	(b) (260)	28	(197)	183	132	261	95	161
	Others	0	0	0	0	0		8		3	2	1	6	1
	Total	1052	862	485	244	18	(260)	84	(545)	432	302	384	150	366
South West	Avon	708	441	295	171	26	(121)	34	(137)	89	75	128	32	52
	Piddle	23	19	13	3	1	(6)	2	(5)	10	7	6	6	3
	Frome	409	234	207	72	61	(92)	83	(143)	152	101	212	89	103
	Exe	1030	331	321	280	762	(1068)	642	(1054)	1466	453	396	702	676
	Teign	303	136	83	75	97		147		383	166	188	151	162
	Dart	394	123	67	80	154		119		326	139	137	160	136
	Avon	71	65	31	10	33		24		71	26	35	24	32
	Plym	26	18	19	9	38		28		63	35	40	28	23
	Tavy	267	38	26	51	113		166		190	64	44	91	145
	Tamar	787	344	307	266	360	(614)	428	(795)	820	433	304	171	404
	Lynher	153	15	32	21	147		85		112	19	22	43	87
	Fowey	388	149	153	64	237		203		222	120	138	138	128
	Camel	556	244	298	124	164		307		408	373	349	243	241
	Taw	381	160	120	157	357	(582)	232	(403)	363	220	378	239	426
	Torridge	106	29	40	45	84		167		270	122	97	52	91
	Lyn	110	206	211	88	94		118		211	184	180	182	181
	Others	13	13	11	6	20		17		57	17	27	21	29
	Total	5725	2565	2234	1502	2748	(3664)	2806	(3922)	5213	2554	2681	2372	2919
Midlands	Severn	1338	851	(a) 7	357	324	213	(287)	336	555	442	643	312	185
Environment Agency, Wales	Wye	6401	2300	1757	1746	320		(1867)	798	2338	1049	1837	733	793
	Usk	1385	326	265	316	101		(313)	735	1068	518	579	494	680
	Taff	114	4	72	38	10		43		87	62	48	10	19
	Ogmore	38	11	19	12	8		59		73	50	55	89	92
	Afan	1	0	1	15	2		7		19	10	11	14	24
	Neath	52	12	25	8	1		14		52	16	12	20	50
	Tawe	91	25	85	55	42	(104)	20		189	146	65	81	96
	Loughor	26	7	9	5	5		8		13	1	4	7	7
	Tywi	1446	544	471	485	147		388		896	523	559	322	408
	Taf	165	24	35	65	17		64		153	32	50	76	58
	E+W.Cleddau	142	61	17	34	31		76		86	41	29	50	60
	Nevern	38	37	22	15	5		25		69	56	22	14	17
	Telfi	1889	331	536	414	133		433		736	307	854	555	531
	Aeron	52	4	2	6	4		11		8	3	2	3	1
	Ystwyth	56	14	24	1	0		11		23	9	10	23	32
	Rheidol	126	81	48	24	2		18		46	50	59	44	34
	Dyfi	634	223	301	176	74	(243)	222		274	158	238	118	148
	Dysynni	33	6	20	11	11		8		16	2	7	8	11
	Mawddach	365	331	304	143	39		115		291	126	140	131	140
	Artro	6	3	7	1	5		8		8	7	4	4	6
	Dwyrdd	59	26	37	15	1		23		29	21	20	20	20
	Glaslyn	85	76	73	48	0		18		47	51	32	40	21
	Dwyfawr	192	32	67	14	14		9		45	18	20	23	11
	Llyfni	54	29	12	7	3		19		33	21	23	38	28
	Gwyrfa	35	3	8	1	1		5		5	3	0	1	0
	Selont	305	72	84	40	7		30		31	24	24	26	32
	Ogwen	197	151	87	99	16		95		111	76	59	85	110
	Conwy	733	342	428	249	81		195		226	199	215	118	134
	Clwyd	280	97	103	71	17		122		167	63	42	24	110
	Dee	1014	273	427	376	164	(250)	455		729	499	433	433	627
	Others	64	10	24	32	18		48		33	5	15	18	25
	Total	15989	5454	5370	4522	1279	(3316)	4080	(5986)	7901	4146	5468	3622	4325
North West	Ribble	777	268	298	383	433		608	(1287)	925	329	588	293	778
	Wyre	107	6	2	13	8	(12)	18		14	6	16	5	35
	Lune	1487	712	1198	1335	860	(1159)	1434	(1941)	1909	958	963	702	1451
	Kent	338	208	307	448	408		422		673	562	469	306	786
	Leven	239	73	111	178	118		31		150	82	48	50	41
	Duddon	47	27	38	24	25		19		21	17	17	11	35
	Esk	60	11	21	48	190		37		64	19	43	25	72
	Ir	106	116	38	153	75		31		153	157	120	81	144
	Caldar					17		14		40	46	50	65	96
	Ehen	265	187	100	174	191		92		298	264	203	130	358
	Darwent	1467	971	880	1004	570		664		1094	844	635	563	737
	Ellen	41	32	28	23	22		6		9	1	8	3	31
	Eden	1239	1056	1538	1766	1378		1425		2636	2082	1864	1229	1110
	Esk (Border)	308	256	353	511	332		207		747	938	645	651	628
	Others	24	62	16	46	44		47		97	43	51	30	57
	Total	6505	3986	4928	8106	4671	(4974)	5055	(6241)	8840	6348	5720	4144	6359
England and Wales		32622	14721	(14728)	14849	13974	(14319)	14059	(18742)	24891	16006	17444	13047	17109

Key: Figures include all fish caught, not just retained fish
(a) River Trent; fish caught on freshwater fish licences
(b) Data for the rivers Test and Itchen combined for 1992.
(c) no catch reminders sent out in 1992/3 with subsequent drop in declaration rate, where returns from other sources are greater than the declared catch, these figures are shown in brackets.

Key:

(a) no catch reminders sent out in 1992/3 with subsequent drop in declaration rate, where returns from other sources are greater than the declared catch, these figures are shown in brackets

Table 15 REPORTED NET EFFORT DATA FOR SALMON AND MIGRATORY TROUT - 1998

Environment Agency Region	River/ Fishery	Fishing Method	No. Lics	Days available (g)	Allowable effort net days (f)	Utilised effort net days net tides	% utilised (h)	Average day/lic.	Catch Salmon	Catch Salmon per lic.day	Catch Mig. Trout	Catch Mig. Trout per lic. day		
North East Northumbria	Coastal (N)	Drift nets	47 (a)	113	5311	1731		33	37	10273	5.83	4653	2.69	
		T nets	27 (a)	113	3051	256		8	9	818	3.20	4645	18.14	
	Coastal (S)	Drift nets	19	113	2147	832		39	44	5195	6.24	4609	5.54	
		T nets	1	113	113	23		20	23	12	0.62	207	9.00	
	North East Yorkshire	Coastal	Drift nets	9	113	1017	317		31	35	1860	5.87	2077	6.55
		T or J nets	12	113	1356	411		30	34	107	0.26	6069	14.77	
Anglian	Coastal	Drift nets	37	157	5809	nr				0		723		
		Other nets (var.)	17	157	2669	nr				3		205		
Southern	Hants area	Seine nets	0	0	0	nr				0		6		
South West	Avon + Stour	Seine nets	5	93	465	112		24		86	0.77	218	1.95	
	Poole Harbour	Seine net	1	93	93	30		32		27	0.90	17	0.57	
	Parrett	Dip nets	0	93	0	0								
		Putcher ranks	1	108	108	n/a				15		0		
	Exe	Seine nets	18	102	1836	201		11	11	287	1.43	14	0.07	
	Teign	Seine nets	6	145	870	169		19	28	414	2.45	415	2.46	
	Dart	Seine nets	15	130	1950	657		34	44	251	0.38	552	0.84	
	Avon	Fixed Engine	0 (b)	132	0									
	Camel	Drift nets	7	157	1099	199		18	28	119	0.60	7	0.04	
	Tavy	Seine nets	5	144	720	0		0	0	0		0		
	Tamar	Seine nets	15	144	2160	170		8	11	58	0.34	36	0.21	
	Tavy/Tamar	Seine net	1 (c)		0									
	Lynher	Seine nets	5	144	720	77		11	15	73	0.95	0	0.00	
	Fowey	Seine nets	2	157	314	34		11	17	12	0.35	8	0.24	
	Taw/Torridge	Seine nets	14	79	1106	550		50	39	398	0.72	343	0.62	
	Lvn	Fixed Engine	1	157	157	45		29	45	19	0.42	9	0.20	
Midlands	Severn	Seine nets	4	181	724		158	22		68	0.43		0.00	
		Lave nets	20 (d)	181	3620		794	22		174	0.22		0.00	
		Fixed Engines	8	123	984		n/a			832				
Environment Agency Wales (e)	Wye	Lave nets	8	181	2027		nr			3		0		
	Usk	Drift nets	8	92	1030		426	41	53	572	1.34	9	0.02	
		Putcher rank	1	107	107		n/a			205		4		
	Tywi	Seine nets	5	131	917		218	24	44	35	0.16	203	0.93	
		Coracle nets	5	131	917		187	20	37	4	0.02	246	1.32	
	Taf	Wade net	1	131	183		25	14	25	0	0.00	2	0.08	
		Coracle net	1	131	183		nr			3		50		
	S.W.Coastal	Wade nets	0	131	0		0			0				
		Seine nets	1	131	183		0	0		0		0		
	E+W.Cleddau	Compass nets	8	131	1467		137	9	17	13	0.09	3	0.02	
	Nevern	Seine net	1	131	183		26	14		13	0.50	49	1.88	
	Telfi	Seine nets	3	131	550		146	27	49	111	0.76	155	1.06	
		Coracle nets	11	131	2017		321	16	29	46	0.14	237	0.74	
	Dyfi	Seine nets	3	131	550		170	31	57	7	0.04	70	0.41	
	Dysynni	Seine net	1	131	183		nr			8		50		
	Mawddach	Seine nets	2	131	367		26	7	13	0	0.00	0	0.00	
	Glaslyn	Seine nets	1	131	183		61	33		20	0.33	40	0.66	
	Dwyfawr	Seine nets	1	131	183		1	1	1	0	0.00	0	0.00	
	Selont/Gwyrfal	Seine nets	0	131	0		0			0				
	Ogwen	Seine nets	2	131	367		51	14	26	70	1.37	30	0.59	
	Conwy	Basket trap	1	153	153		n/a			17		0		
		Seine nets	3	131	550		87	16	29	9	0.10	10	0.11	
	Clwyd	Sling nets	0	97	0		0			0				
	Dee	Trammel nets	4	69	386		185	48	46	663	3.58	15	0.08	
		Seine nets	14	69	1352		937	89	67	501	0.53	19	0.02	
	North West (e)	Ribble	Drift nets	5	131	917		154	17	31	118	0.77	16	0.10
		Lune	Haaf nets	26	131	4768		1046	22	40	389	0.37	350	0.33
			Drift nets	10	131	1834		430	23	43	525	1.22	97	0.23
Seine net			1	131	183		6	3	6	3	0.50	6	1.00	
Kent		Lave nets	8	131	1467		147	10	18	20	0.14	1	0.01	
Leven		Lave nets	6	131	1100		310	28	52	18	0.06	7	0.02	
S&W Cumbria		Drift nets	4	131	734		12	2	3	39	3.25	0	0.00	
Eden + Esk		Haaf nets	128	169	30285		3386	11	26	650	0.19	677	0.20	
Eden		Coop nets	3	131	550		12	2	4	16	1.33	0	0.00	

Key:

(a) Separate licences for drift and T nets were issued for the first time in the northern area in 1993.

(b) Licence purchased by South West region but was not used.

(c) Catches included under Tavy and Tamar as appropriate.

(d) Figures for half- and full-season lave nets combined.

(e) Effort data for the Welsh and North West region are measured as catch per licence-tide not catch per licence-day.

(f) For the purpose of estimating utilized effort, a figure of 1.4 tides per day has been assumed (Wales & NW).

(g) available days is the total days of the open season minus weekly closure periods. It does not take into account voluntary closure or buyouts, part days are included as full days. These figures are different to those previously reported.

(h) 100% utilization of available effort is not practical as factors such as weather conditions, tide height and available fishing stations will constrain overall effort.

Note

nr = not recorded

Table 16 REPORTED ROD EFFORT DATA FOR SALMON AND MIGRATORY TROUT - 1998

Environment Agency Region	River	Number of returns with effort data	Number of days fished	Number of days fished per return	Number of salmon and grilse recorded	Catch per licence day	Number of migratory trout recorded	Catch per licence day	Days to catch a salmonid
North East	Aln	25	502	20.08	14	0.028	83	0.165	5.18
	Coquet	455	7805	17.15	528	0.068	795	0.102	5.90
	Tyne	1513	18651	12.33	1523	0.082	2116	0.113	5.13
	Wear	472	7664	16.24	321	0.042	921	0.120	6.17
	Tees	215	2012	9.36	98	0.049	38	0.019	14.79
	Esk	219	2014	9.20	27	0.013	407	0.202	4.64
	Ouse	16	87	5.44	1	0.011	0	0.000	87.00
Thames	Thames	6	145	24.17	0	0.000	0	0.000	
Southern	Test	43	279	6.49	51	0.183	75	0.269	2.21
	Itchen	82	530	6.46	84	0.158	696	1.313	0.68
	Beaulieu	20	131	6.55	1	0.008	49	0.374	2.62
	Sussex Ouse	23	534	23.22	0	0.000	38	0.071	14.05
	Adur	23	211	9.17	0	0.000	61	0.289	3.46
	Lymington	19	166	8.74	0	0.000	26	0.157	6.38
	Great Ouse	3	43	14.33	0	0.000	0	0.000	
South West	Avon	207	1440	6.96	40	0.028	727	0.505	1.88
	Stour	9	95	10.56	0	0.000	37	0.389	2.57
	Piddle	15	147	9.80	3	0.020	9	0.061	12.25
	Frome	163	1458	8.94	103	0.071	257	0.176	4.05
	Axe	96	815	8.49	5	0.006	380	0.466	2.12
	Otter	33	261	7.91	0	0.000	76	0.291	3.43
	Exe	415	3543	8.54	494	0.139	33	0.009	6.72
	Teign	224	2422	10.81	102	0.042	909	0.375	2.40
	Dart	218	2286	10.49	93	0.041	968	0.423	2.15
	Avon	64	806	12.59	29	0.036	153	0.190	4.43
	Erme	18	91	5.06	5	0.055	29	0.319	2.68
	Yealm	13	169	13.00	18	0.107	77	0.456	1.78
	Plym	48	659	13.73	18	0.027	165	0.250	3.60
	Tavy	78	1031	13.22	135	0.131	200	0.194	3.08
	Tamar	439	2984	6.80	342	0.115	293	0.098	4.70
	Lynher	94	1113	11.84	86	0.077	282	0.253	3.02
	Looe	12	161	13.42	0	0.000	41	0.255	3.93
	Fowey	275	2935	10.67	110	0.037	816	0.278	3.17
	Camel	300	3510	11.70	204	0.058	530	0.151	4.78
	Taw	519	3716	7.16	381	0.103	788	0.212	3.18
	Torridge	303	1951	6.44	80	0.041	312	0.160	4.98
	Lyn	149	552	3.70	146	0.264	57	0.103	2.72
Midlands	Severn	593	11542	19.46	147	0.013	66	0.006	54.19
Environment Agency Wales	Wye	930	8852	9.52	607	0.069	31	0.004	13.87
	Usk	503	6096	12.12	600	0.098	388	0.064	6.17
	Taff	28	403	14.39	12	0.030	28	0.069	10.08
	Rhymney	6	77	12.83	0	0.000	11	0.143	7.00
	Ogmore	182	2640	14.51	72	0.027	756	0.286	3.19
	Afan	59	1078	18.27	22	0.020	248	0.230	3.99
	Neath	66	1331	20.17	44	0.033	256	0.192	4.44
	Tawe	113	1863	16.49	85	0.046	261	0.140	5.38
	Loughor	85	1500	17.65	7	0.005	346	0.231	4.25
	Gwendraeth	19	410	21.58	3	0.007	94	0.229	4.23
	Tywi	1042	14101	13.53	293	0.021	3532	0.250	3.69
	Taf	113	1881	16.65	37	0.020	359	0.191	4.75
	E&W Cleddau	189	2633	13.93	49	0.019	919	0.349	2.72
	Nevern	84	1217	14.49	13	0.011	554	0.455	2.15
	Telfi	872	10985	12.60	403	0.037	2643	0.241	3.61
	Aeron	51	783	15.35	1	0.001	404	0.516	1.93
	Ystwyth	58	756	13.03	30	0.040	554	0.733	1.29
	Rheidol	104	1857	17.86	28	0.015	405	0.218	4.29
	Dyfi	303	2851	9.41	128	0.045	1510	0.530	1.74
	Dysynni	115	1892	16.45	9	0.005	587	0.310	3.17
	Mawddach	415	3694	8.90	103	0.028	704	0.191	4.58
	Artro	15	163	10.87	6	0.037	35	0.215	3.98
	Dwyrhyd	26	445	17.12	11	0.025	115	0.258	3.53
	Glaslyn	80	1198	14.98	15	0.013	284	0.237	4.01
	Dwyfawr	87	1204	13.84	11	0.009	1233	1.024	0.97
	Llyfni	78	1090	13.97	25	0.023	927	0.850	1.14
	Gwyrfa	12	88	7.33	0	0.000	23	0.261	3.83
	Selont	56	1089	19.45	31	0.028	49	0.045	13.61
	Ogwen	50	874	17.48	102	0.117	163	0.186	3.30
	Conwy	195	2202	11.29	123	0.056	415	0.188	4.09
	Clwyd	309	3452	11.17	87	0.025	1350	0.391	2.40
	Dee	781	9096	11.65	483	0.053	222	0.024	12.90
North West	Ribble	1112	12144	10.92	686	0.056	1483	0.122	5.60
	Wyre	48	563	11.73	34	0.060	71	0.126	5.36
	Lune	1269	13914	10.96	1304	0.094	2366	0.170	3.79
	Kent	482	5507	11.43	681	0.124	502	0.091	4.66
	Leven	127	849	6.69	34	0.040	176	0.207	4.04
	Duddon	59	355	6.02	35	0.099	115	0.324	2.37
	Esk	86	635	7.38	65	0.102	237	0.373	2.10
	Irt	114	1088	9.54	131	0.120	235	0.216	2.97
	Calder	41	460	11.22	88	0.191	12	0.026	4.60
	Ehen	183	4043	22.09	331	0.082	610	0.151	4.30
	Derwent	613	7188	11.73	681	0.095	540	0.075	5.89
	Ellen	30	468	15.60	17	0.036	12	0.026	16.14
	Eden	945	13906	14.72	935	0.067	305	0.022	11.21
	Esk (Border)	423	3323	7.86	555	0.167	1518	0.457	1.60

Notes: Effort data is reported for both salmon and sea trout and can not be separated. The table includes only returns upon which the number of days fished were reported. Some returns contained data for two or more rivers.

**Table 17 ESTIMATED PROPORTIONS OF GRILSE AND
MULTI-SEA-WINTER (MSW) SALMON IN DECLARED ROD CATCH - 1998**

Environment Agency Region	River	No. grilse	%	No. MSW	%
North East	Coquet	434	74	150	26
	Tyne	1159	66	591	34
	Wear	320	91	31	9
	Whole Region	2024	71	826	29
Southern	Test	49	95	3	5
	Itchen	76	94	6	6
	Whole Region	125	94	9	6
South West	Frome	72	70	31	30
	Exe	568	88	81	12
	Teign	120	77	35	23
	Dart	94	71	40	29
	Tavy	90	91	9	9
	Tamar	325	82	70	18
	Fowey	117	96	5	4
	Camel	204	93	16	7
	Taw	323	77	94	23
	Torridge	68	80	17	20
	Lyn	157	91	17	9
	Whole Region	2312	84	455	16
Midland	Severn	60	34	119	66
Environment Agency Wales	Wye	391	62	238	38
	Usk	501	74	173	26
	Ogmore	77	91	8	9
	Tawe	91	95	6	5
	Tywl	315	82	68	18
	Taf	53	93	5	7
	E&W Cleddau	49	83	11	17
	Teifi	408	86	65	14
	Dyfi	133	94	9	6
	Mawddach	108	89	13	11
	Ogwen	103	95	6	5
	Conwy	121	92	11	8
	Dee	487	80	122	20
	Whole Region	3225	81	766	19
North West	Ribble	677	93	55	7
	Lune	1272	93	107	7
	Kent	695	92	65	8
	Leven	40	97	2	3
	Irt	138	97	5	3
	Ehen	335	95	17	5
	Derwent	621	88	82	12
	Eden	856	80	216	20
	Border Esk	501	87	77	13
	Whole Region	5432	90	636	10
England & Wales		13186	82	2814	18
<p>Notes:</p> <p>The grilse/MSW split is attributed only to fish with a declared capture date and weight</p> <p>The splitting model uses age-weight data collected from the fish trap on the River Dee, Wales</p> <p>Whole region data include minor rivers not otherwise included in the table</p>					

**Table 18 Nominal catches of salmon in high-seas interception fisheries
(tonnes round fresh weight), 1984-1998.**

Year	Northern Norwegian Sea long-line fishery (north of Lat 67 deg N)	Faroese Area long-line fishery		West Greenland drift net fishery	
	Catch (a)	Catch (b)	Quota	Catch	Quota
1984	29	628	625 (c,d)	297	870 (d)
1985	0	566	550 (c)	864 (e)	852
1986	0	530	550 (c)	960 (e)	909 (d)
1987	0	576	1790 (d,f)	966	935 (d)
1988	0	243		893	2520 (d)
1989	0	364		337	
1990	0	315	1100 (d,f)	274	
1991	0	95 (g)		472	840
1992	0	23 (h)		237	258 (i)
1993	0	23 (h)	550 (c)	-	89 (j)
1994	0	6 (h)	550 (c)	-	137 (j)
1995	0	5 (h)	550 (c)	83	77
1996	0	- (h)	470 (c)	92	174 (k)
1997	0	- (h)	425 (c)	58	57
1998	0	6 (h)	380 (c)	11	20 (l)

Key:

(a) Catches in the N.Norwegian Sea fishery were made predominantly by Danish vessels, however Faroese vessels contributed substantially (259 tonnes) to the catch in 1982, and Finnish and Faroese vessels made smaller contributions in other years.

(b) Catches in the Faroes fishery are currently made by Faroese vessels, however a relatively small contribution was also made by Danish vessels in the period 1983-84.

(c) Quotas apply to fishing season (autumn-spring) beginning in the year stated. Catch is for calendar year.

(d) Quotas negotiated by NASCO.

(e) An additional 6-19 tonnes were also caught on the E.Greenland coast.

(f) Quotas apply to calendar years.

(g) Fishermen compensated not to fish after March 1991.

(h) Research fishery.

(i) Set by Greenland authorities.

(j) Fishermen compensated not to fish in 1993 & 1994. An artisanal fishery operated with a small allowance of 12 tonnes/yr.

(k) TAC set by Greenland authorities.

(l) Fishery restricted to catches used for internal consumption in Greenland.

Note: All data converted from gutted weights using appropriate factors.

Acknowledgement: The data presented in this table were extracted from the 'Report of the Working Group on North Atlantic Salmon'. ICES CM 1999/ACFM:14 (Anon., 1999), and are cited by kind permission of ICES.

**Table 19 Nominal catches of salmon and grilse in home-water fisheries
(tonnes round fresh weight), 1985-1998.**

Year	England and				Northern				Russian Federa-		Sweden (West			Total
	Canada	Wales	Finland	.France	Iceland	Ireland	Ireland	Norway	tion	Scotland	Spain	coast)	USA	
	(a)					(b,c)	(b,d)							
1985	1133	361	49	22	162	1595	98	1561	659	913	13	45	2.1	6613
1986	1559	430	37	28	232	1730	109	1598	608	1271	27	54	1.9	7685
1987	1784	302	49	27	181	1239	56	1385	564	922	18	47	1.2	6575
1988	1311	395	36	32	217	1874	114	1076	420	882	18	40	0.9	6416
1989	1139	296	52	14	140	1079	142	905	364	895	7	29	1.7	5064
1990	911	338	60	15	146	586	94	930	313	624	7	33	2.4	4059
1991	711	200	70	13	130	404	55	876	215	462	11	38	0.8	3186
1992	522	186	77	20	175	630	91	867	167	600	11	49	0.7	3396
1993	373	248	70	16	160	541	83	923	139	547	8	56	0.6	3165
1994	355	324	49	18	140	804	91	996	141	649	10	44	-	3621
1995	260	295	48	9	150	790	83	839	128	588	9	37	-	3236
1996	292	183	44	14	122	685	77	787	131	427	7	33	-	2802
1997	229	146	45	8	106	570	93	630	111	296	3	19	-	2218
1998	149	126	48	9	130	624	75	740	131	280	4	15	-	2331

Key:

(a) Includes estimates of some local sales.

(b) Catch on River Foyle allocated 50% Ireland and 50% N.Ireland.

(c) From 1994, includes increased reporting of rod catches.

(d) Not including angling catch (mainly grilse).

(e) Weights prior to 1990 are estimated from 1994 mean weight. Weights from 1990 based on mean wt. from R. Asturias.

Acknowledgement: The data presented in this table were extracted from the 'Report of the Working Group on North Atlantic Salmon'. ICES CM 1999/ACFM:14 (Anon., 1999), and are cited by kind permission of ICES.

ERRATUM: SOME CATCH DATA HAVE RECENTLY BEEN AMENDED. DATA INCLUDED IN PREVIOUS REPORTS WERE INCORRECT.

Table 20 Salmon stocking - numbers of eggs, fry, parr and smolts released - 1998

(Only includes fish raised and stocked by the Agency).

Only includes fish raised and stocked by the Agency).								
Environment			Unfed		Fed	0+	1+	
Agency Region	River	Tributary	Ova	Fry	Fry	Parr	Parr	Smolts
North East	South Tyne	Main River	-	-	-	40000	25000	-
	North Tyne	Main River	-	-	-	-	45000	-
		Scaup Burn	-	-	-	-	7625	-
		Kilder Burn	-	-	-	40000	47589	-
	Rede	Main River	-	-	-	-	15000	-
	Total		-	-	-	80000	140214	-
Thames		Enborne	-	-	63722	-	-	-
	Thames	Lambourn	-	-	84,684	-	-	-
		Kennet	-	-	45,683	-	-	58497
	Total		-	-	194089	-	-	58497
Southern	Test		-	-	-	61751	-	-
	Total		-	-	-	61751	-	-
South West	Hampshire Avon		-	-	-	1918	-	-
	Exe		-	-	-	5000	-	-
	Total		-	-	-	6918	0	0
Midlands	Severn	Teme	-	-	-	28000	-	-
		Upper Severn	-	-	-	24500	-	-
		Vymwy	-	-	-	57000	-	-
	Trent					200000		
	Total		-	-	-	309500	-	-
Environment	Taff		-		12000		10000	45000
Agency	Ely		-	-	10000	-	-	-
Wales	Sirhowy		-	-	5000	-	-	-
	Rhymney		-	-	10000	-	-	-
	Ebbw		-	-	5000	-	-	-
	Cynon		-	-	-	-	5000	-
	Neath		-	-	-	-	5872	4862
	Dee		2000	-	83824	-	34220	9973
	Clwyd		-	-	9500	-	-	6150
	Total		2000	-	135324	0	55092	65985
North West (a)	Ribble		-	-	-	-	500	-
	Hodder		-	-	-	-	-	-
	Wyre		-	-	-	-	-	-
	Lune	Main River	-	-	-	-	-	-
	Caldew		-	-	-	-	-	-
	Derwent		-	-	-	8502	-	-
	Total		-	-	0	8502	500	-
England and Wales	Total		2000	0	329413	466671	195806	124482

Notes: 1+ Parr are those stocked out on or after 1st January in the year after they hatched.

(a) Since 1997 stockings of salmon on the Hodder, Wyre and Lune are funded and carried out by fishery associations.

Table 21 NATIONAL MIGRATORY ROD & NET FISHING LICENCES - numbers and ratios 1994 - 1998

(totals for England & Wales can be found in Table 2)

Year	North East			Anglian			Thames			Southern		
	Rod		Net	Rod		Net	Rod		Net	Rod		Net
	Annual	1&8 day Ratio		Annual	1&8 day Ratio		Annual	1&8 day Ratio		Annual	1&8 day Ratio	
1994	3919	1236 3.17:1	138	299	242 1.24:1	72	1087	740 1.47:1	0	662	247 2.68:1	13
1995	3710	1195 3.10:1	122	284	306 0.93:1	65	1036	812 1.28:1	0	665	316 2.10:1	10
1996	3454	1470 2.35:1	109	275	300 0.92:1	59	985	955 1.03:1	0	531	385 1.38:1	4
1997	3233	1478 2.19:1	96	265	304 0.87:1	56	890	889 1.00:1	0	531	332 1.60:1	7
1998	3406	1845 1.85:1	89	268	289 0.93:1	54	852	919 0.93:1	0	544	369 1.47:1	8
Year	South West			Midland			E A Wales			North West		
	Rod		Net	Rod		Net	Rod		Net	Rod		Net
	Annual	1&8 day Ratio		Annual	1&8 day Ratio		Annual	1&8 day Ratio		Annual	1&8 day Ratio	
1994	3342	2608 1.28:1	98	2734	999 2.74:1	60	7649	2255 3.39:1	122	6949	2310 3.01:1	229
1995	3205	2333 1.37:1	92	2175	735 2.96:1	63	7419	2036 3.64:1	114	6455	2259 2.86:1	226
1996	3161	2898 1.09:1	78	2071	1038 2.00:1	43	6338	2566 2.47:1	105	5958	2896 2.06:1	218
1997	2787	2804 0.99:1	85	1784	904 1.97:1	42	6276	2624 2.39:1	90	5380	2301 2.34:1	216
1998	2757	2526 1.09:1	88	1782	786 2.27:1	32	6113	2306 2.65:1	85	5439	2324 2.34:1	191

7. FIGURES

- Figure 1 Reported catches of salmon and migratory trout, England and Wales 1982-98
- Figure 2 Monthly reported net catches, 1998 season, salmon and migratory trout
- Figure 3 Monthly reported rod catch, 1998 season, salmon and migratory trout
- Figure 4 Reported rod catch rate, 1994-98, salmon and migratory trout
- Figure 5 Rod-caught fish by fishing method, 1998 season, salmon and migratory trout
- Figure 6 Proportion and total, rod-caught salmon released by month 1994-98
- Figure 7 Proportion and total, rod-caught migratory trout released by month 1994-98

REGIONAL GRAPHS AND SUMMARY

North East Region

Anglian Region

Thames Region

Southern Region

South West Region

Midland Region

Environment Agency Wales

North West Region

**Figure 1 Reported catches of salmon and migratory trout.
England and Wales 1982-1998**

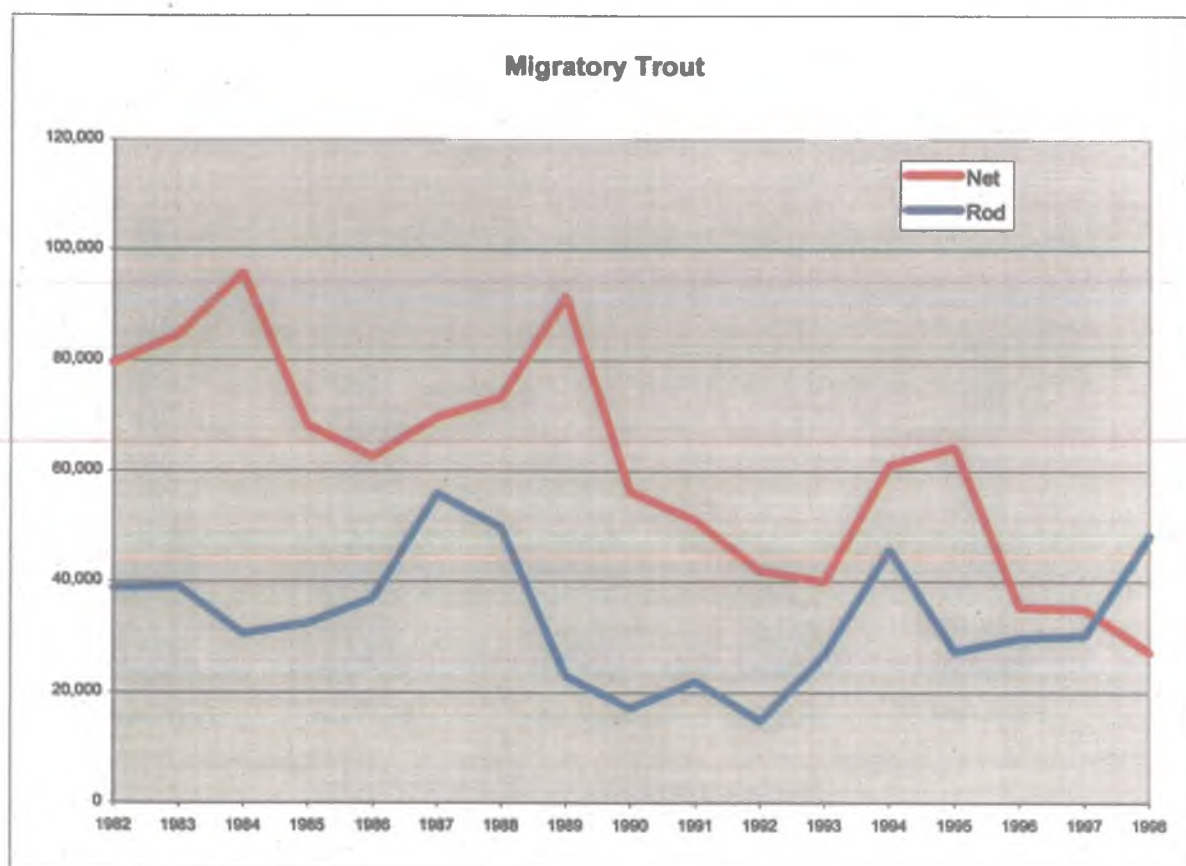
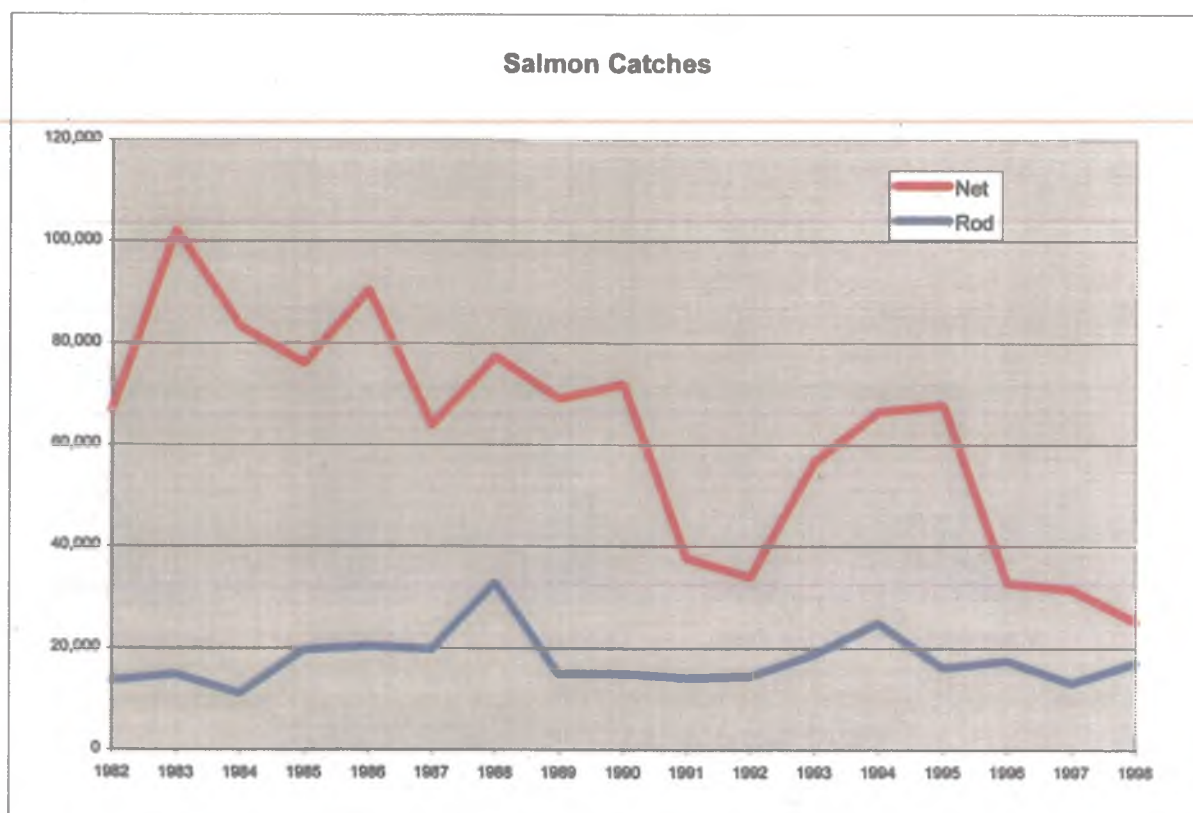


Figure 2 Monthly reported net catch 1998 season

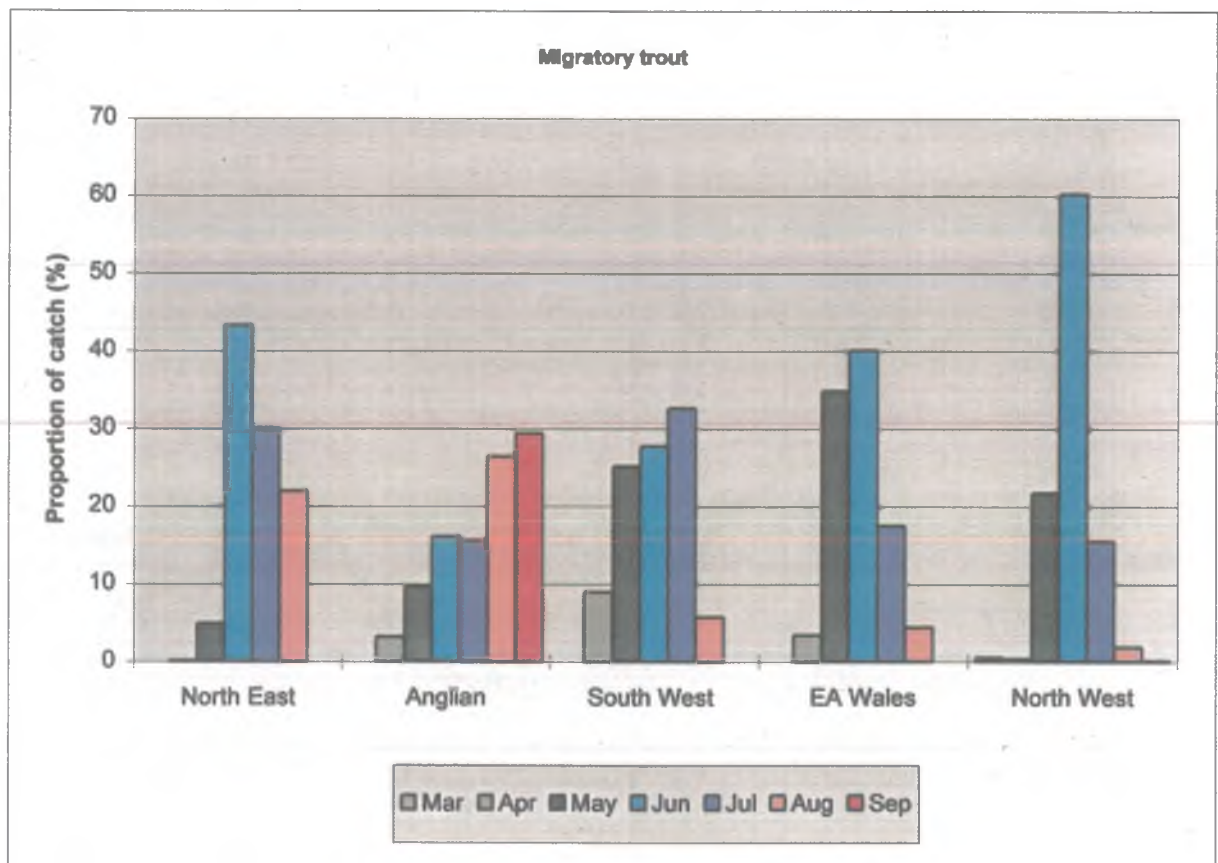
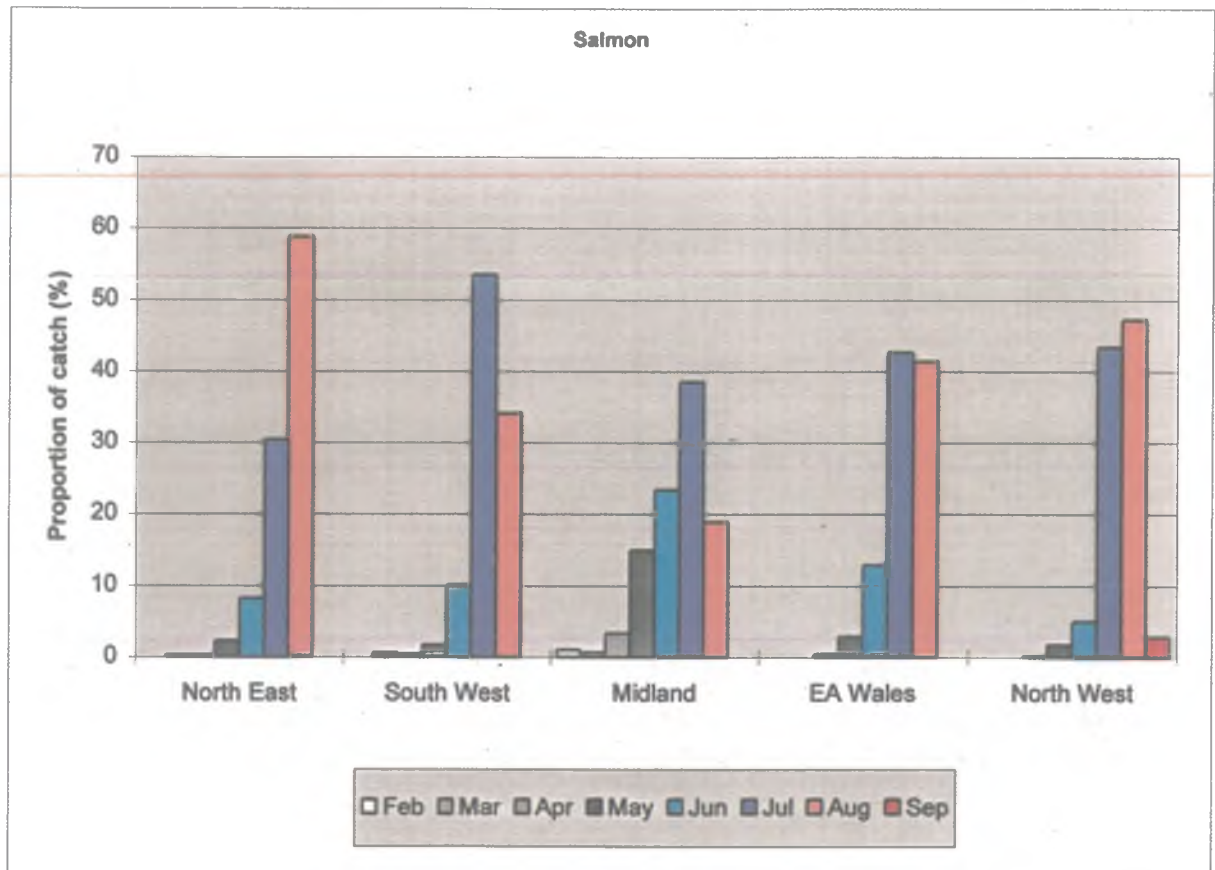


Figure 3 Monthly reported rod catch 1998 season

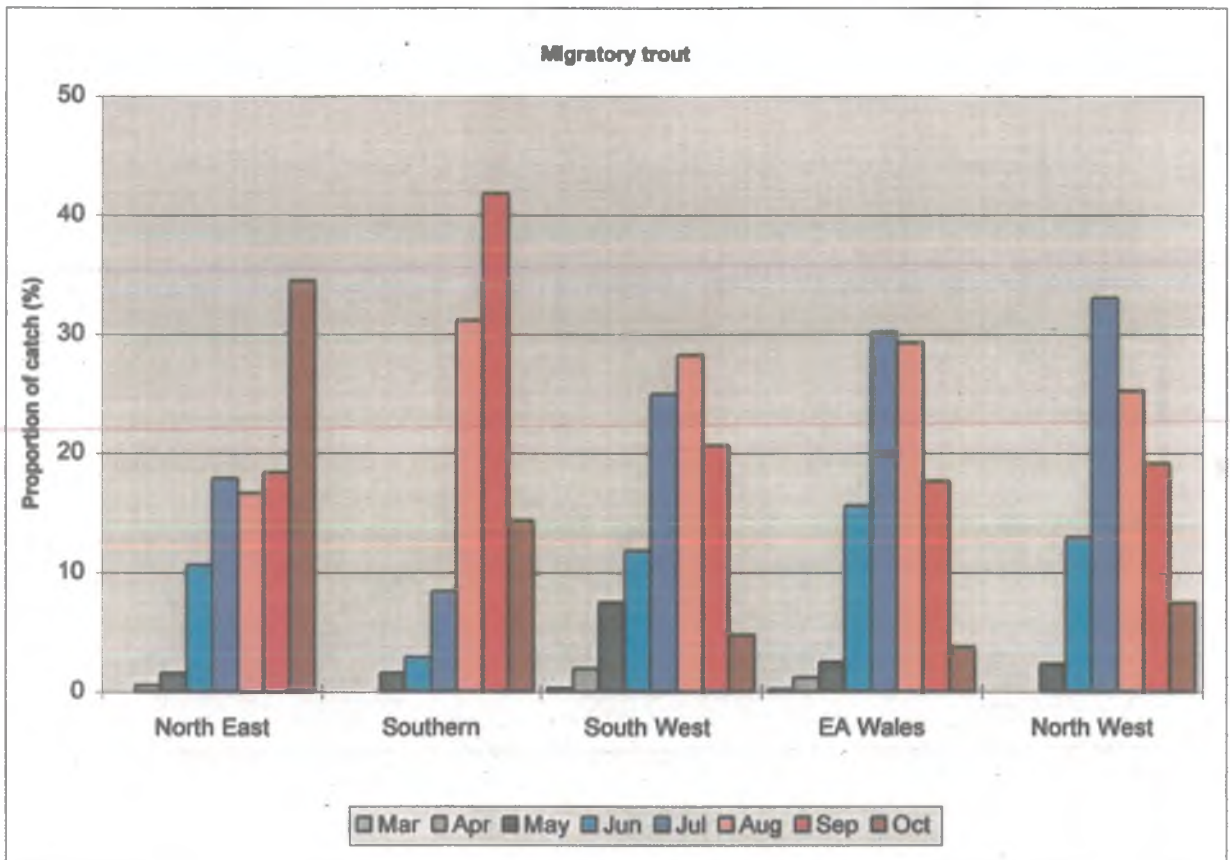
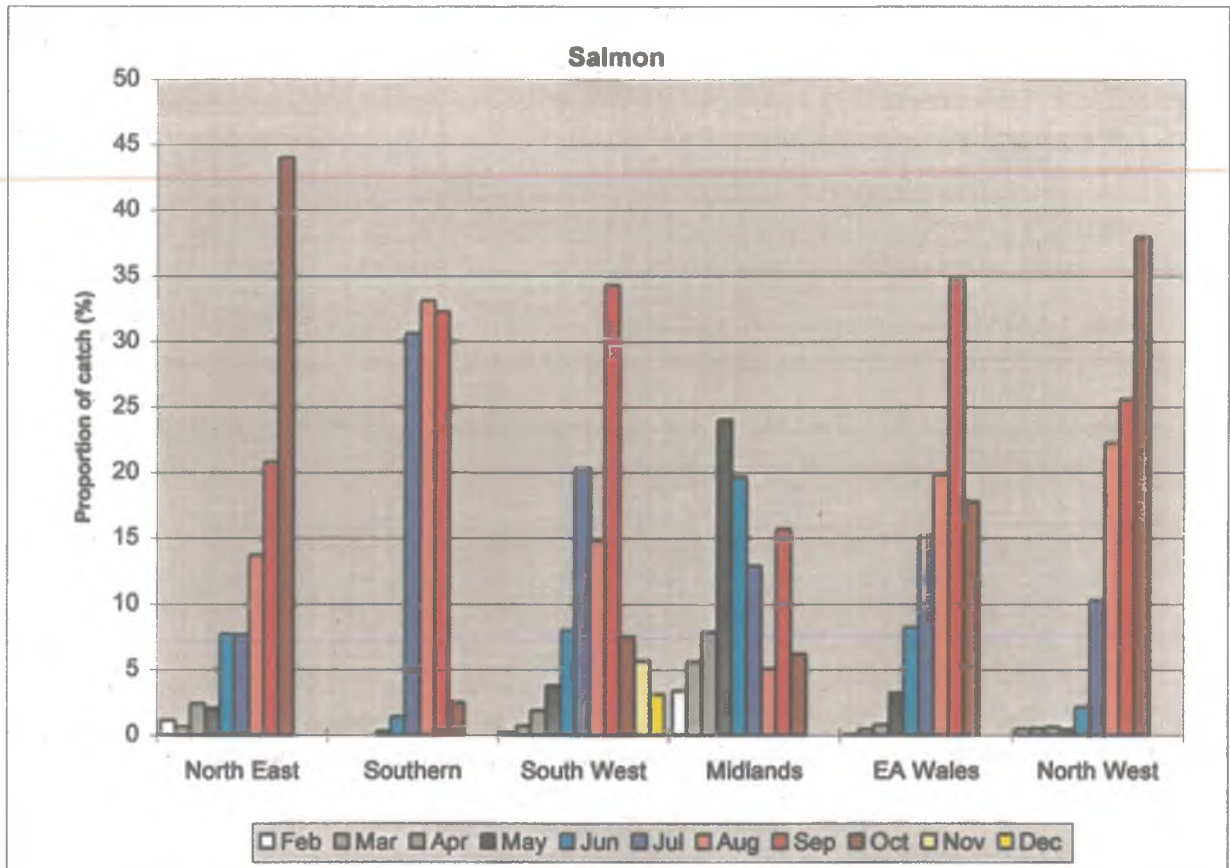


Figure 4 Reported rod catch rate, 1994 - 1998

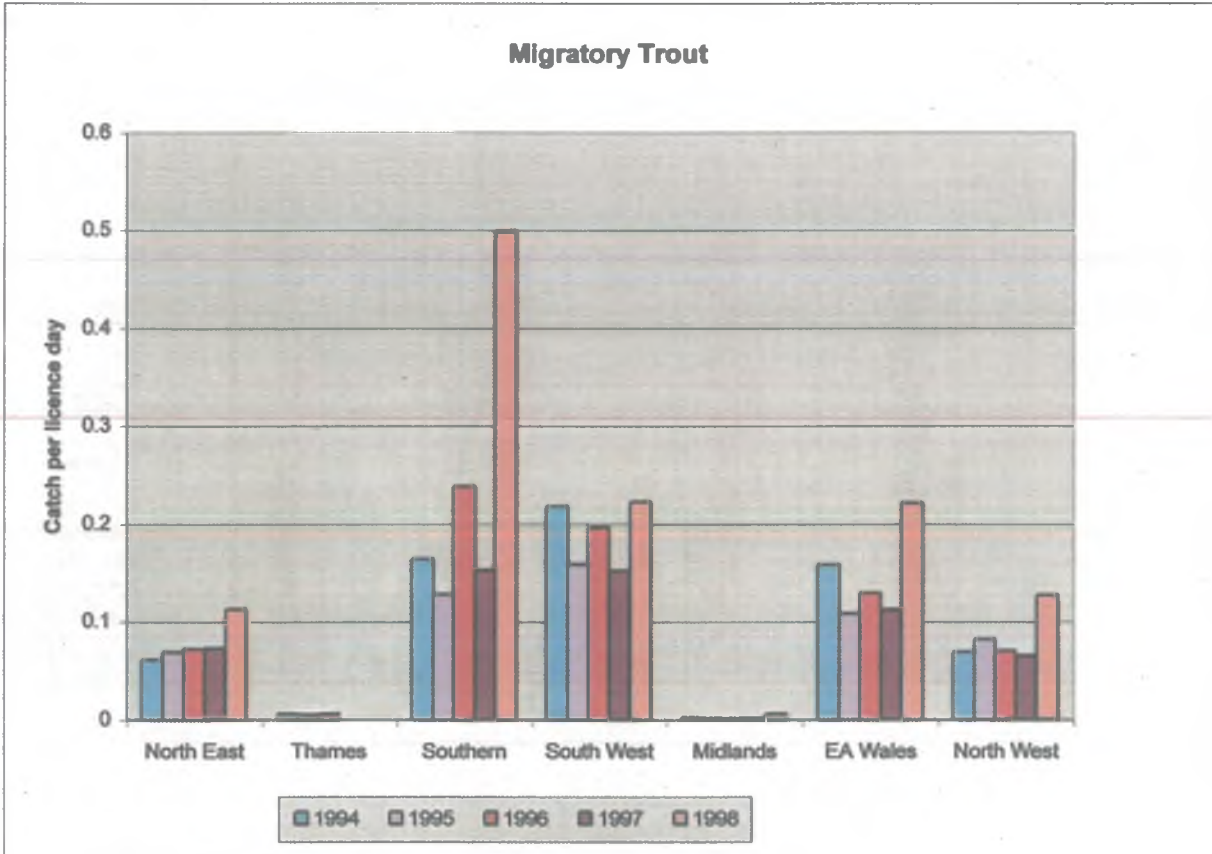
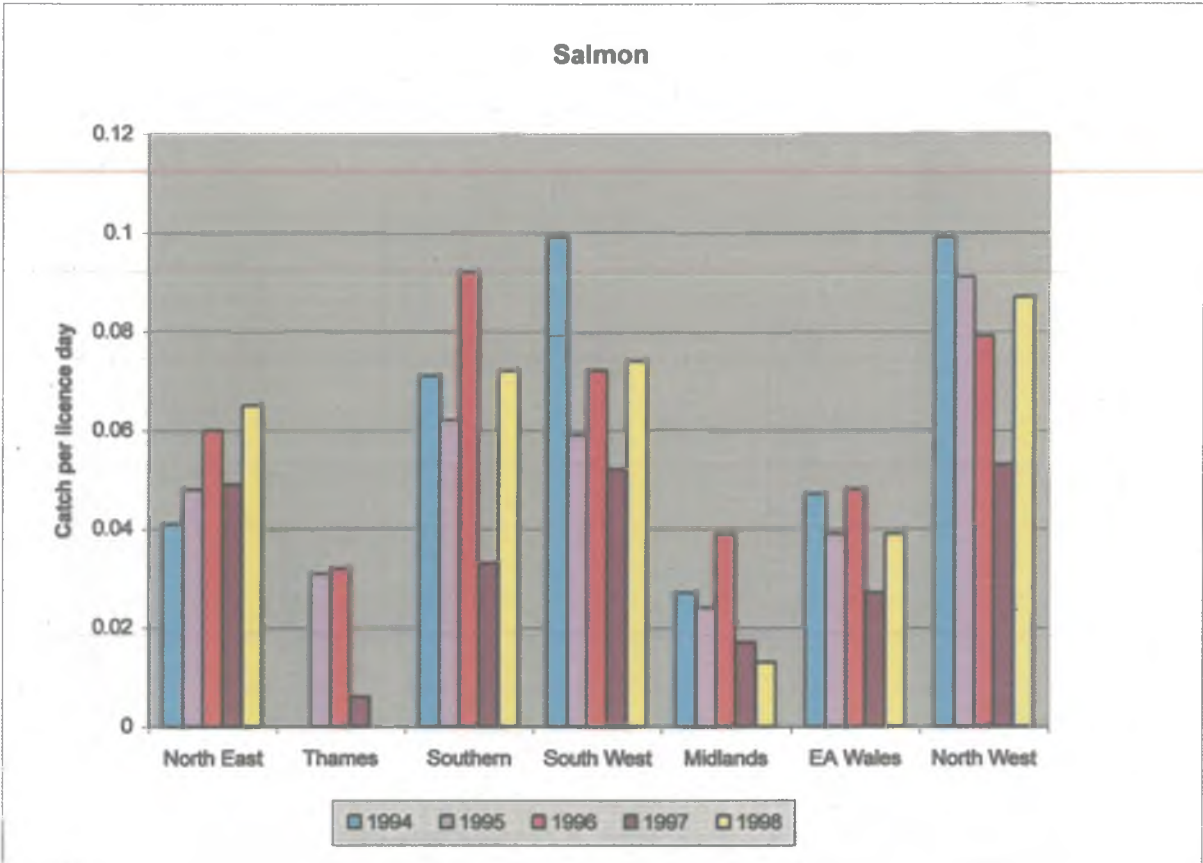


Figure 5 Rod caught fish by fishing method 1998 season

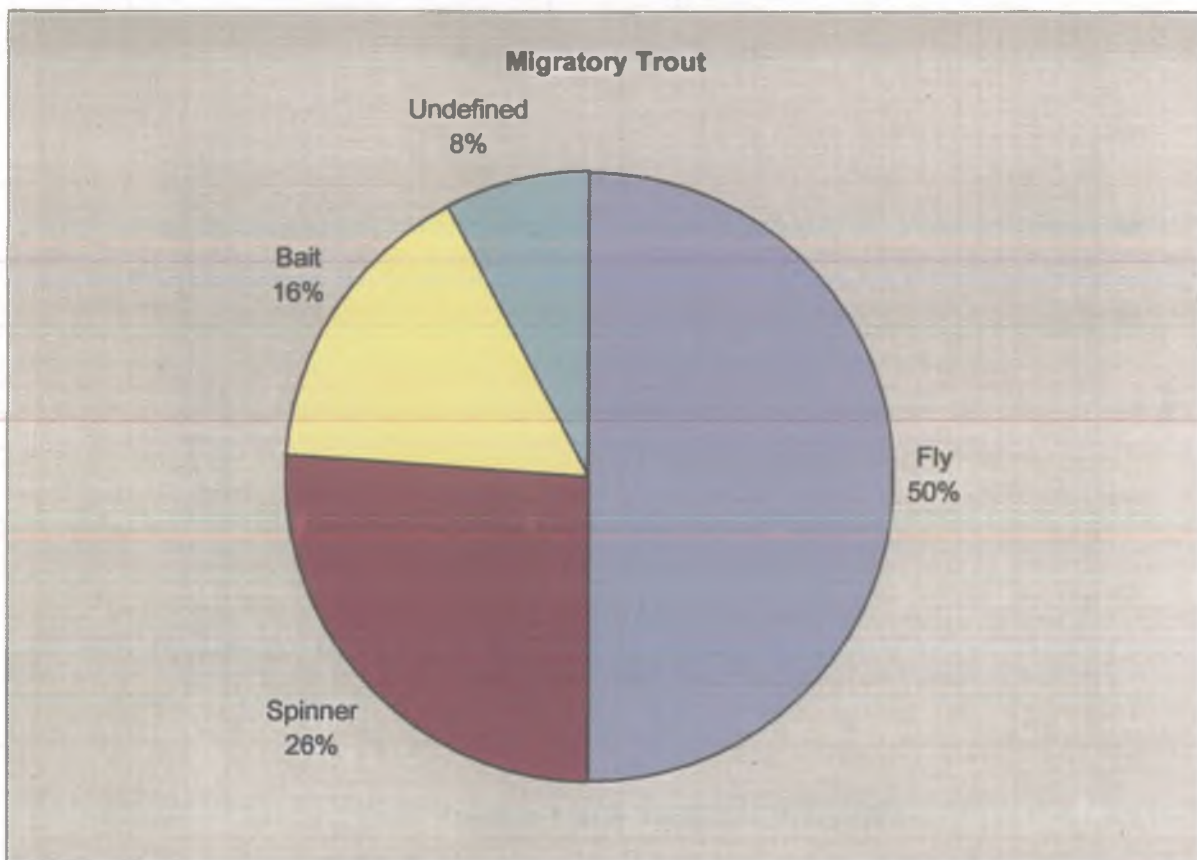
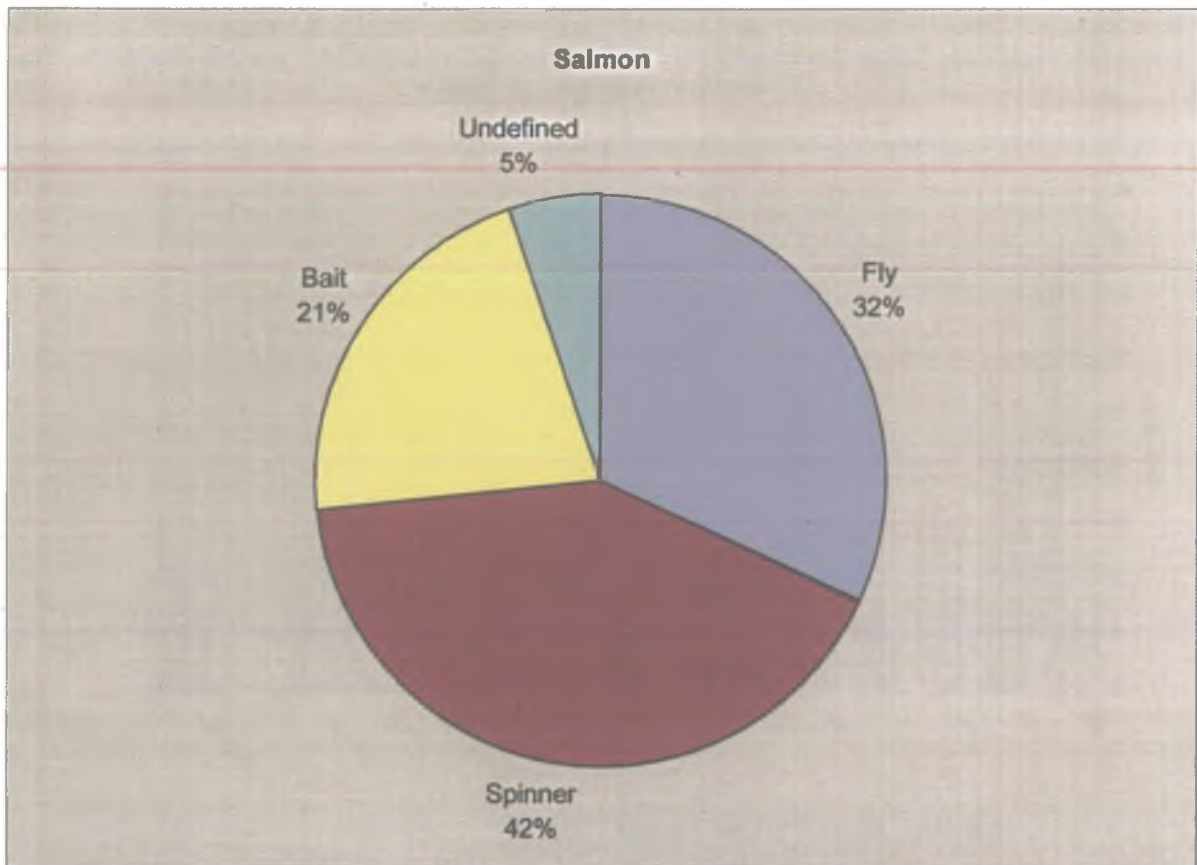
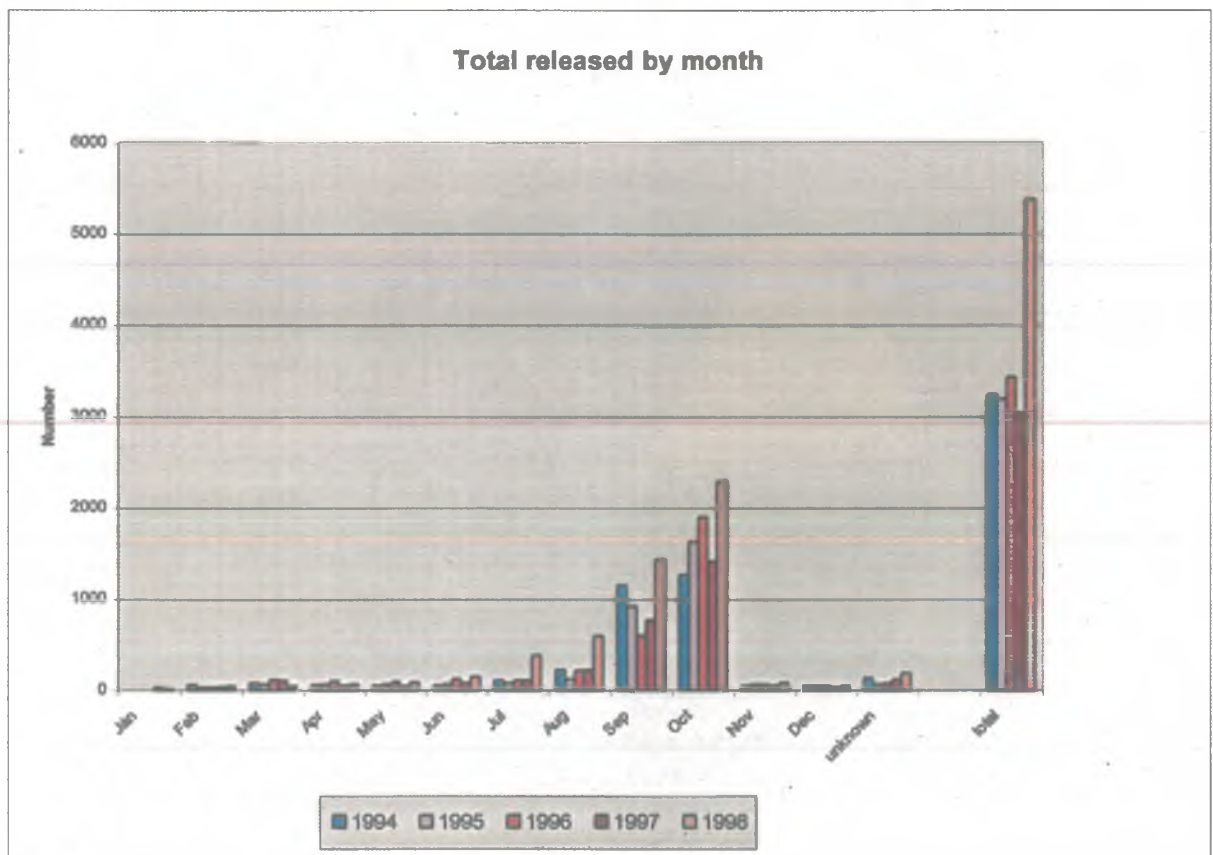
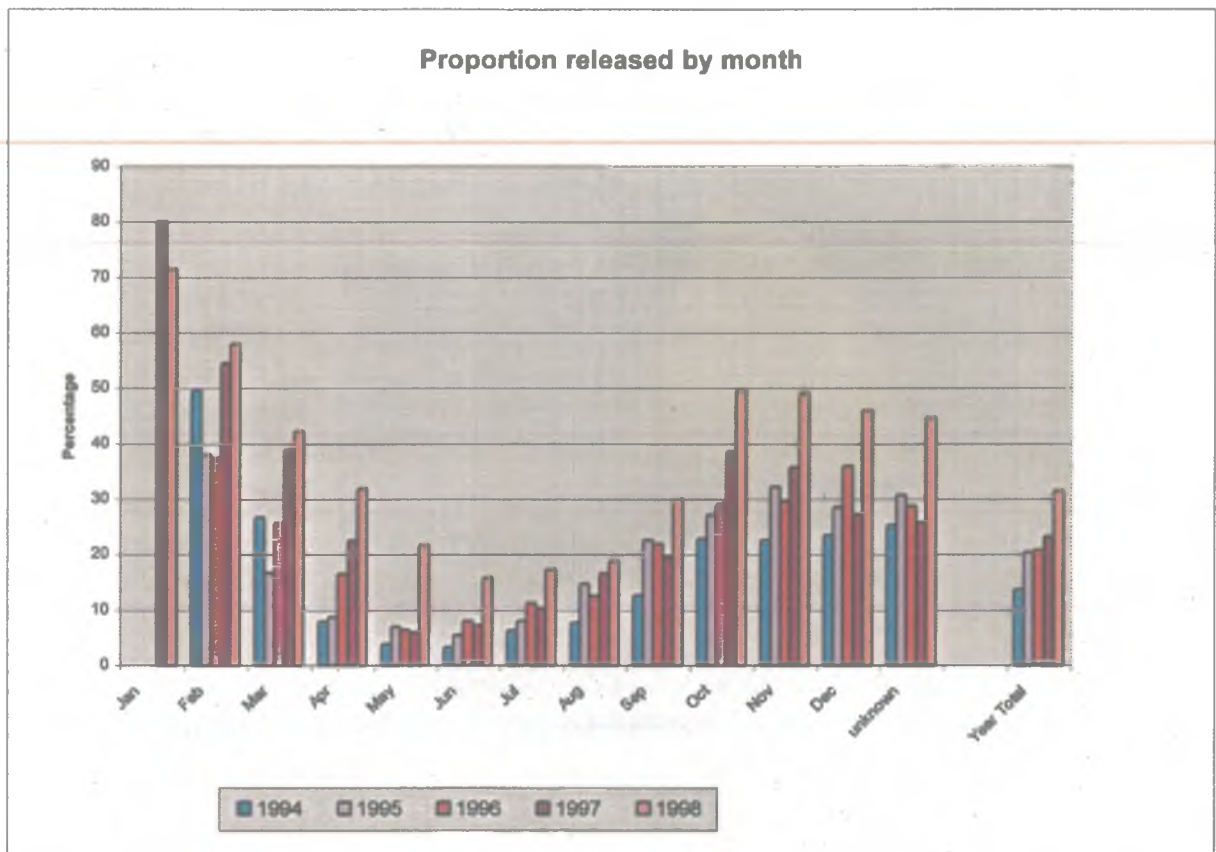
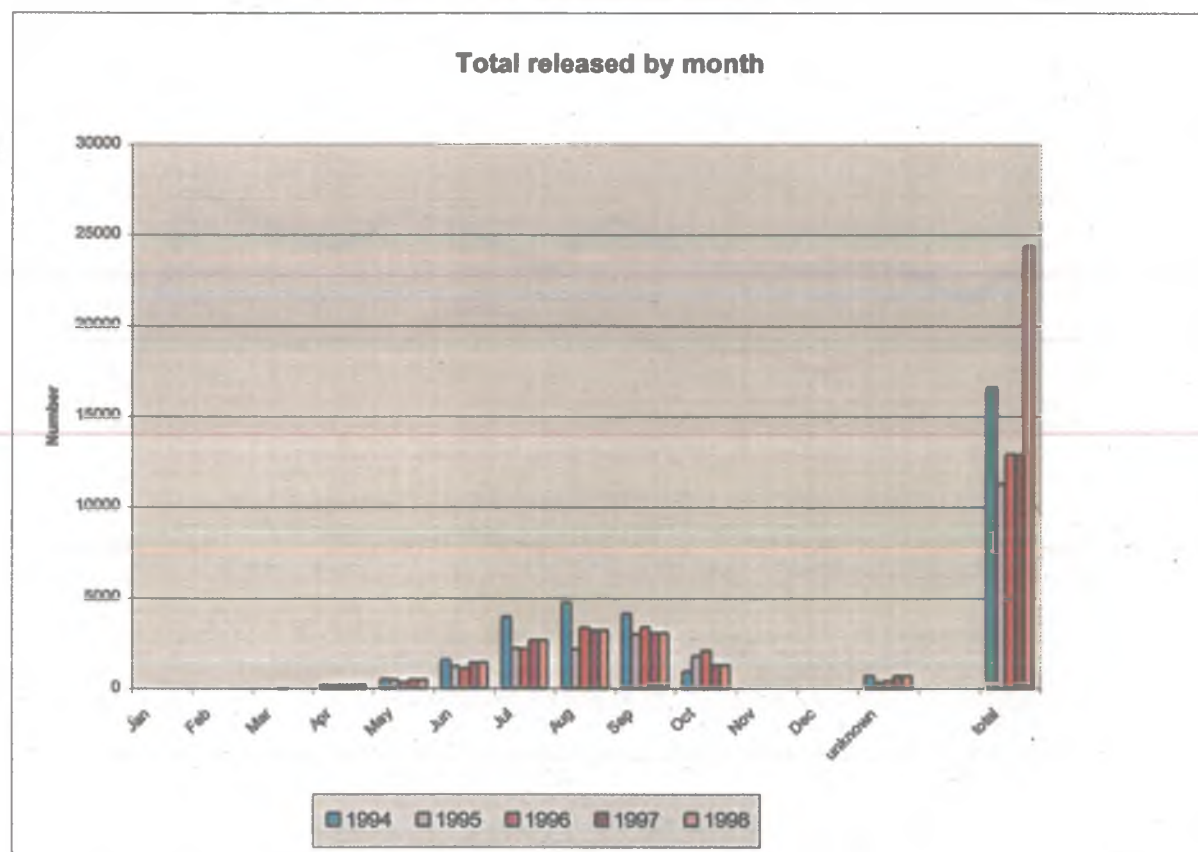
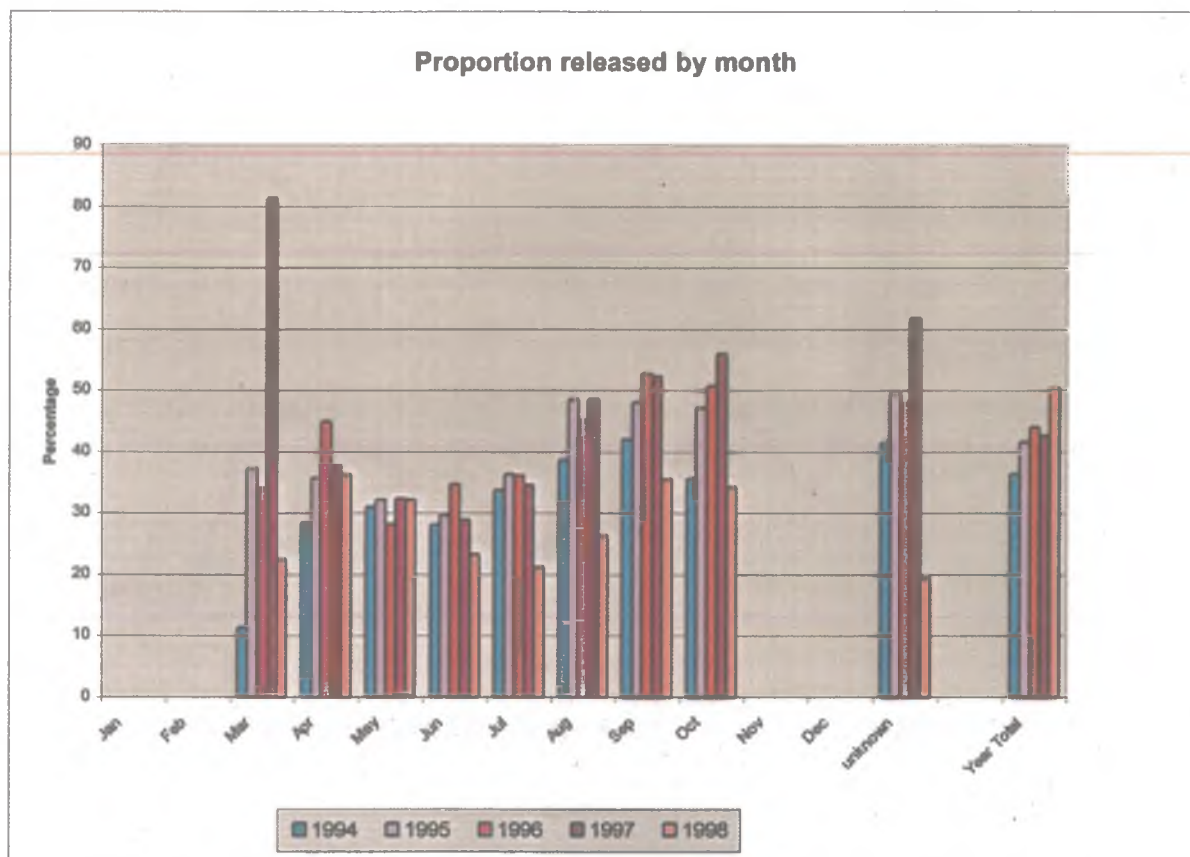


Figure 6 Proportion and total, rod caught salmon released by month
1994 - 1998

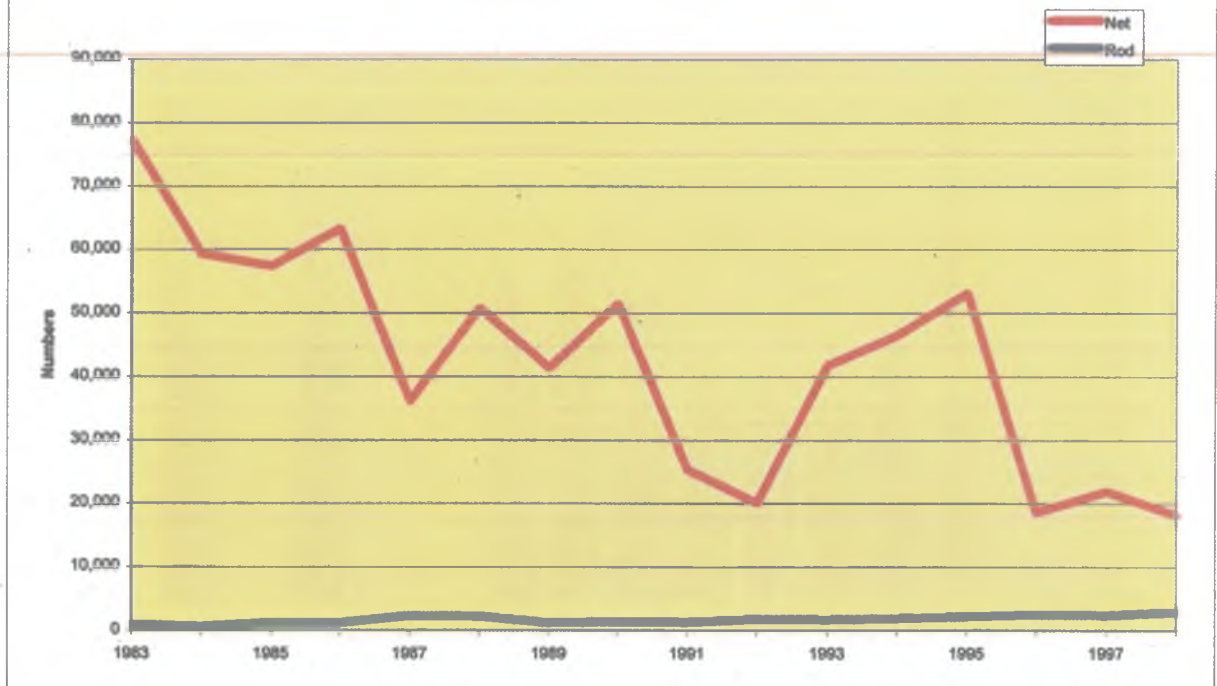


**Figure 7 Proportion and total, rod caught migratory trout released by month
1994 - 1998**

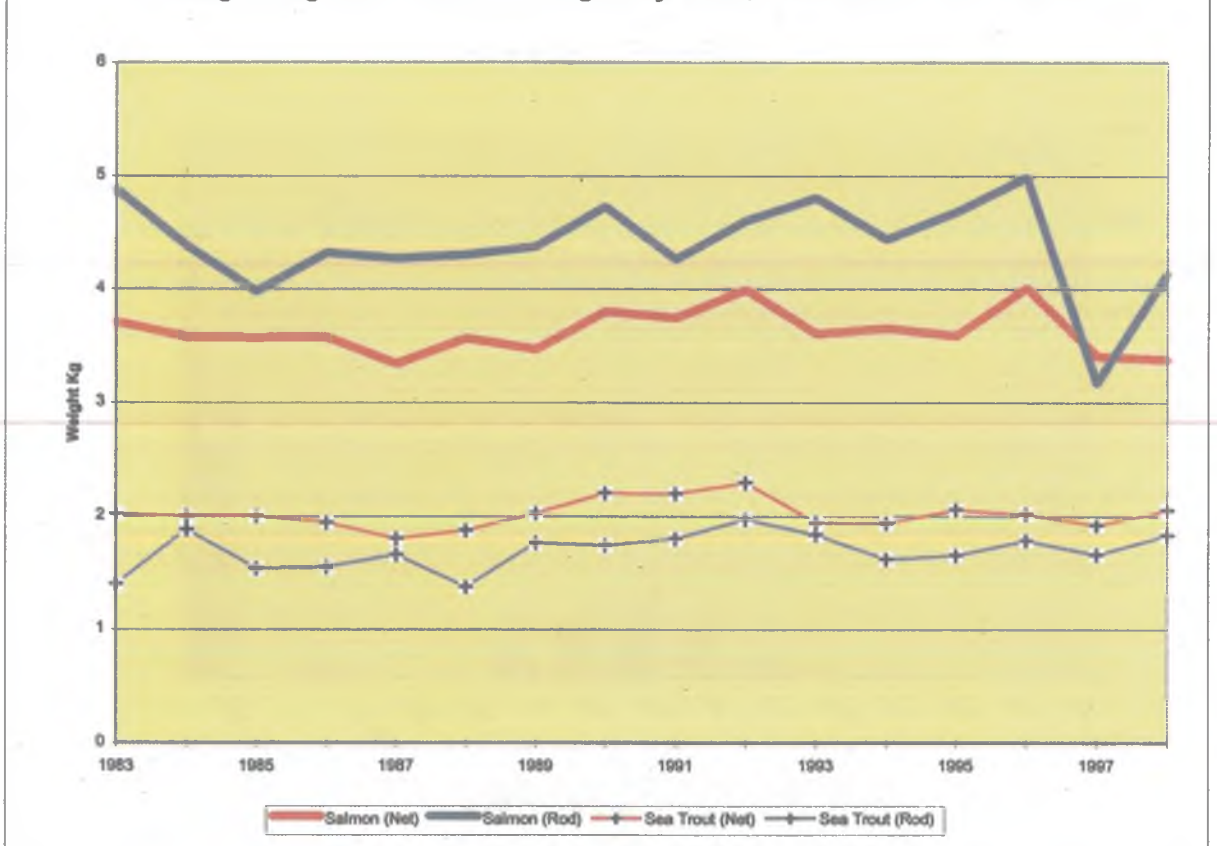


North East Region

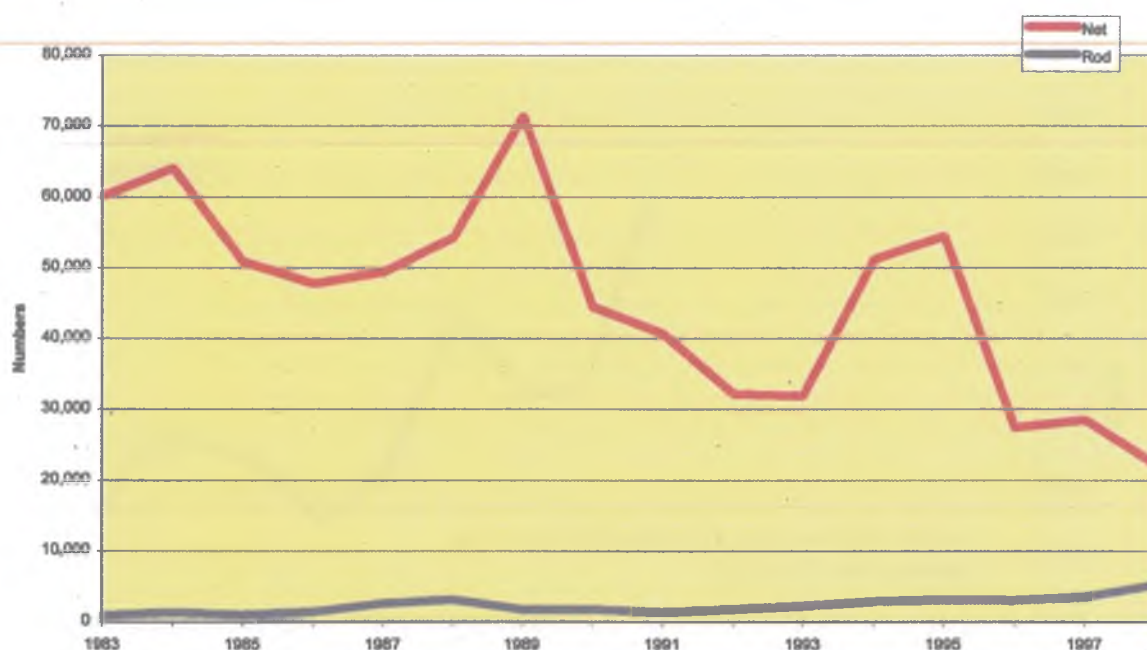
Salmon Rod and Net Catches 1983 - 1998



Average Weight of Salmon and Migratory Trout, Rod and Net 1983 - 1998



Migratory Trout Rod and Net Catches 1983 - 1998



Summary

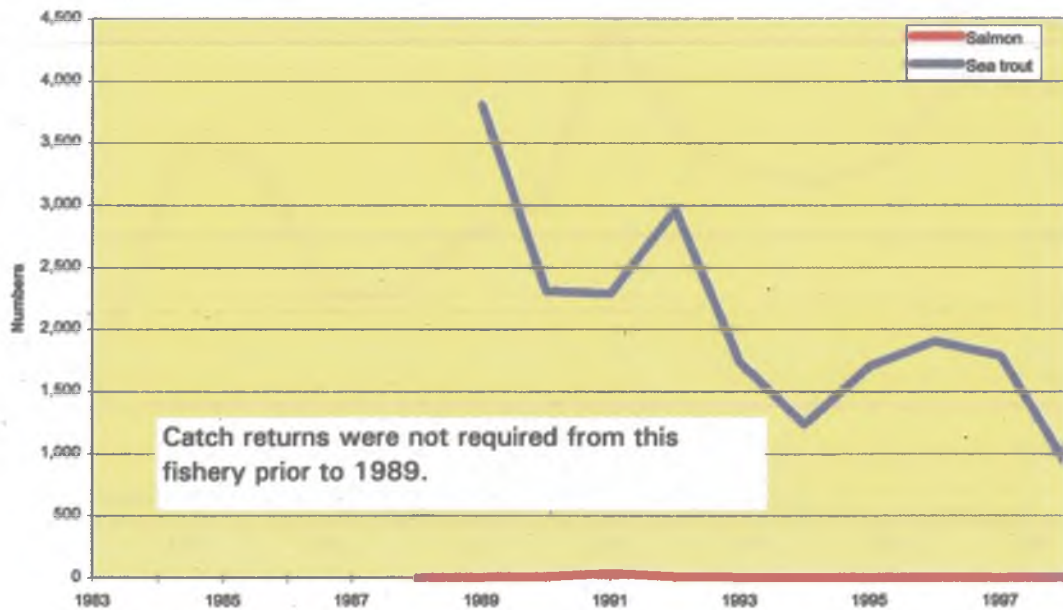
Once again, salmon rod catches held-up well in the NE, with the River Tyne producing the majority of fish. Significantly the Tees, emerging more recently than the Tyne from a condition of serious pollution, recorded a much improved catch.

The North East has the largest net fishery in England and Wales; catches of salmon and grilse in Northumbria were even lower than in 1997 mainly because runs were so late when both peaked at the end of August. This was the third successive season of poor catches which placed it considerably below both the five and ten-year mean. The Yorkshire Fishery registered a slight increase in multi-sea-winter salmon, but showed a 38% reduction on the five-year mean. For sea trout the reduction was 42% and in Northumbria, the lowest catch was registered since 1959, mainly because of the slump in 'T' netting.

Conversely, the migratory trout rod fishery again showed an improvement on recent years, with the River Wear, in particular, registering continued improvement and producing its highest catch in 11 years.

Anglian Region

Migratory Trout and Salmon Net Catches 1983 - 1998



Summary

Migratory trout catches continue to show a decline in recent years. This is due to a large extent by reduction in fishing effort as a result of the reducing Net Limitation Order which came into force in 1996. There are currently 54 licenced netsmen.

The fishery is very much a mixed species one (ie seafish species), and the contribution of migratory trout to the overall fisheries ' catch is relatively small.

Salmon are very rarely caught in this fishery.

Thames Region

Salmon Rod Catch 1986 - 1998



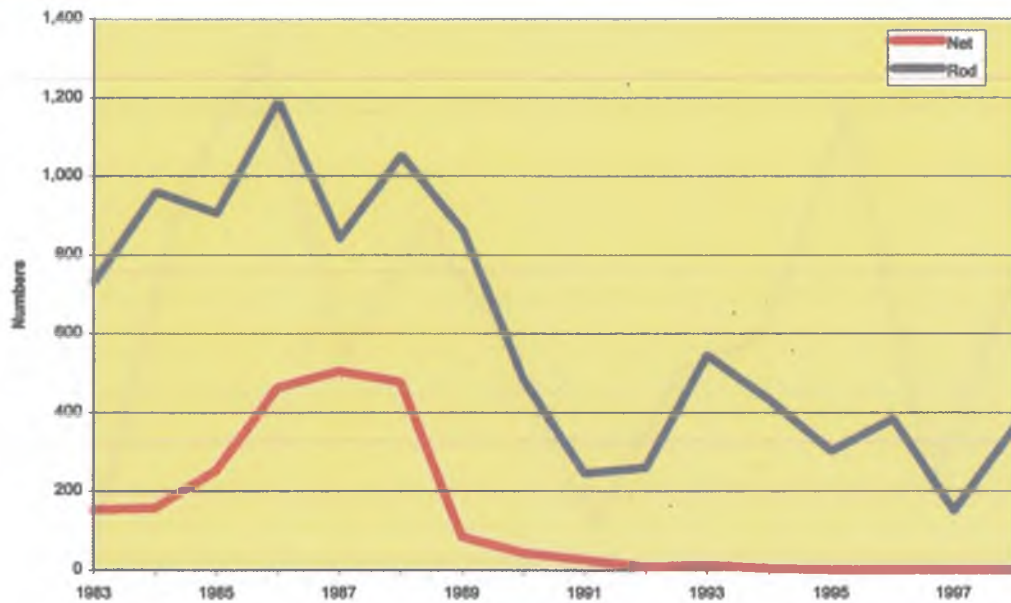
Summary

The above graph shows the number of salmon caught on the River Thames reported to River Thames Rehabilitation Programme. These figures vary slightly from the rod licence declared catch, but probably better reflect the true salmon catch by rod and line.

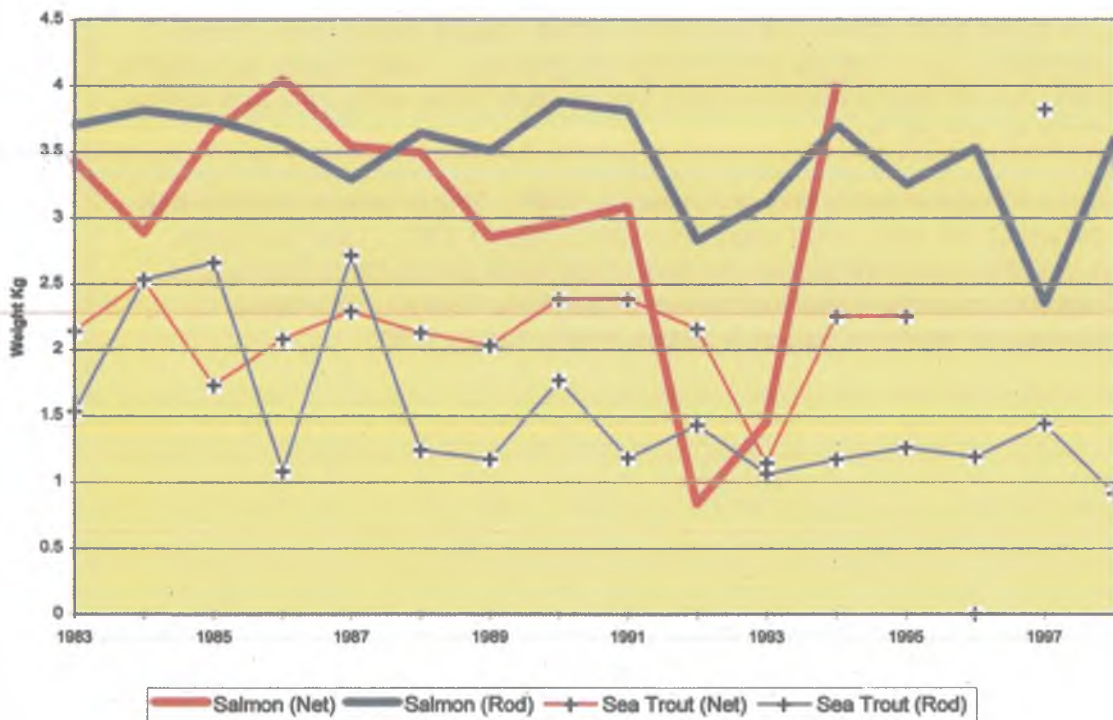
Declared salmon catch declined to zero in 1998. This is believed to have been caused by the poor smolt migration in the spring of 1997. Low flow levels during the spring are believed to have made flows unsuitable for successful migration past the numerous barriers on the River Thames. This had a subsequent affect on returning salmon stocks during 1997.

Southern Region

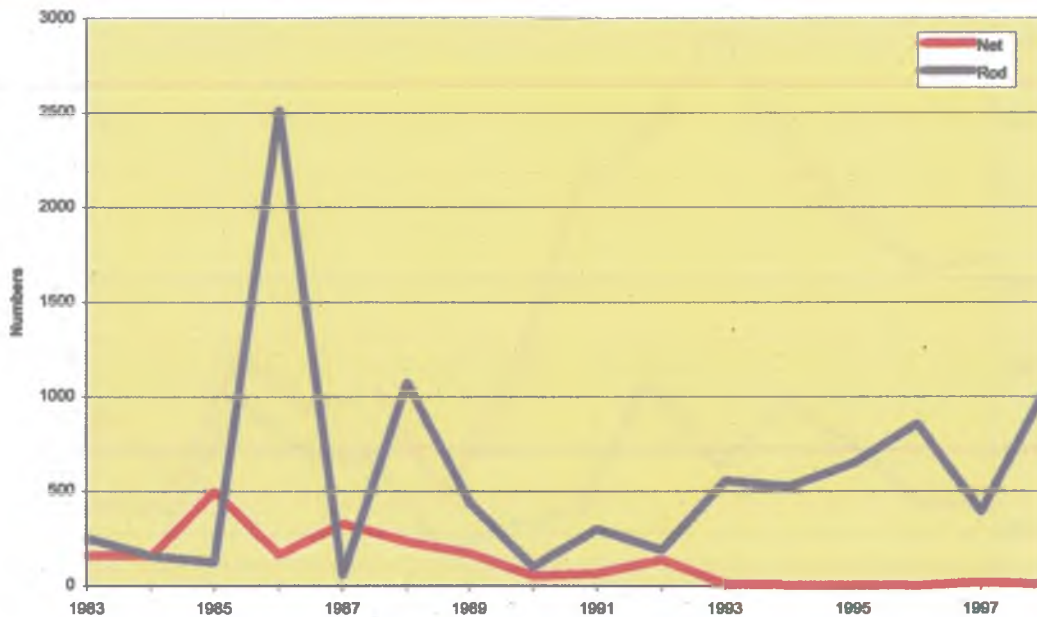
Salmon Rod and Net Catches 1983 - 1998



Average Weight of Salmon and Migratory Trout, Rod and Net 1983 - 1998



Migratory Trout Rod and Net Catches 1983 - 1998



Summary

Salmon catches on the Test & Itchen showed an encouraging upturn after the lowest recorded catches of 1997

Counter data shows that salmon runs virtually double over those recorded in 1997

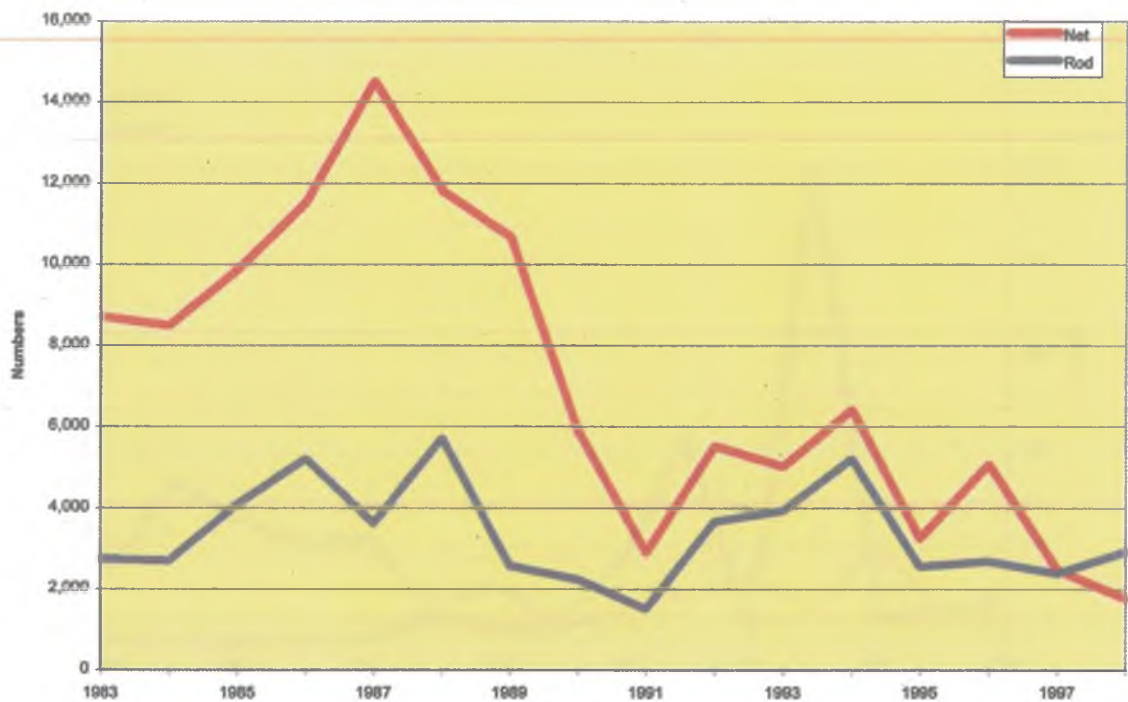
Many of the grilse caught this year were larger and in better condition than recent years, however spring salmon were virtually absent from the Test & Itchen in 1998

Catch & release of salmon has continued to gain support from both rods and fisheries on the Test and Itchen, being 96% on the Test and 84% on the Itchen in 1998 (owners return figures)

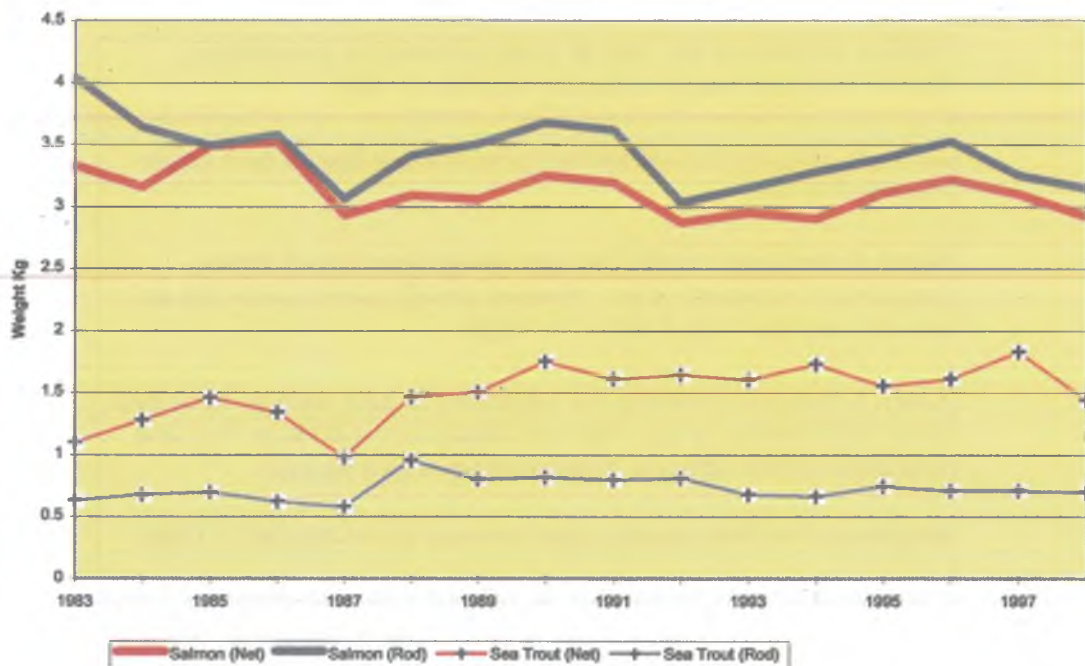
Migratory trout rod catches were the best of the decade in 1998.

South West Region

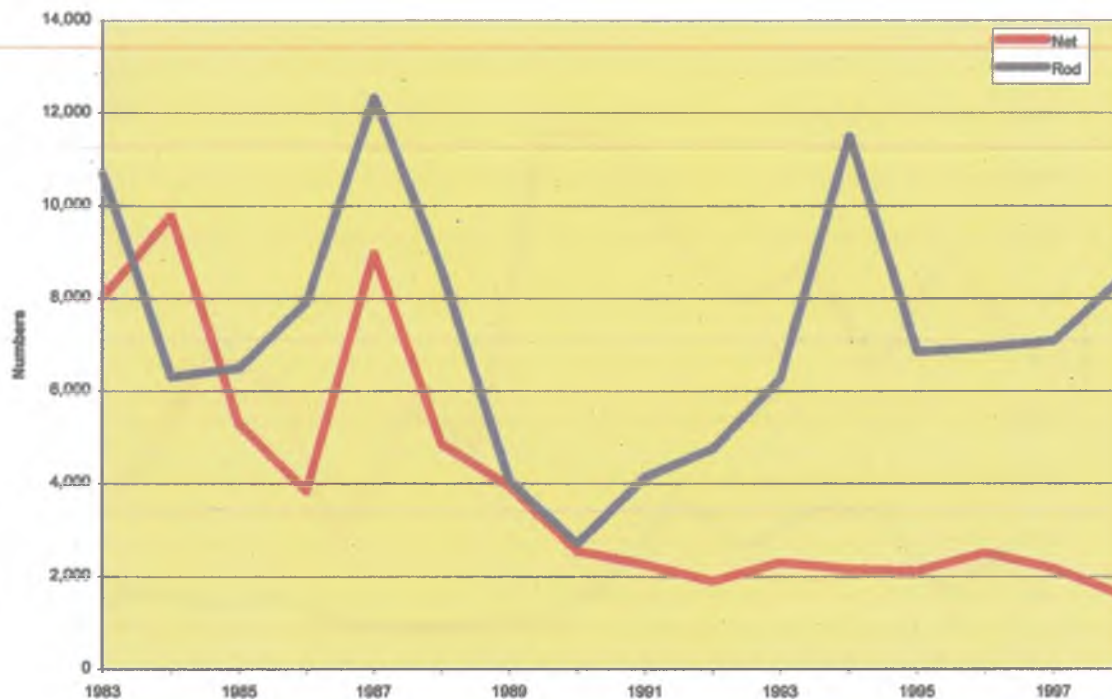
Salmon Rod and Net Catches 1983 -1998



Average Weight of Salmon and Migratory Trout, Rod and Net 1983 - 1998



Migratory Trout Rod and Net Catches 1983 - 1998



Summary

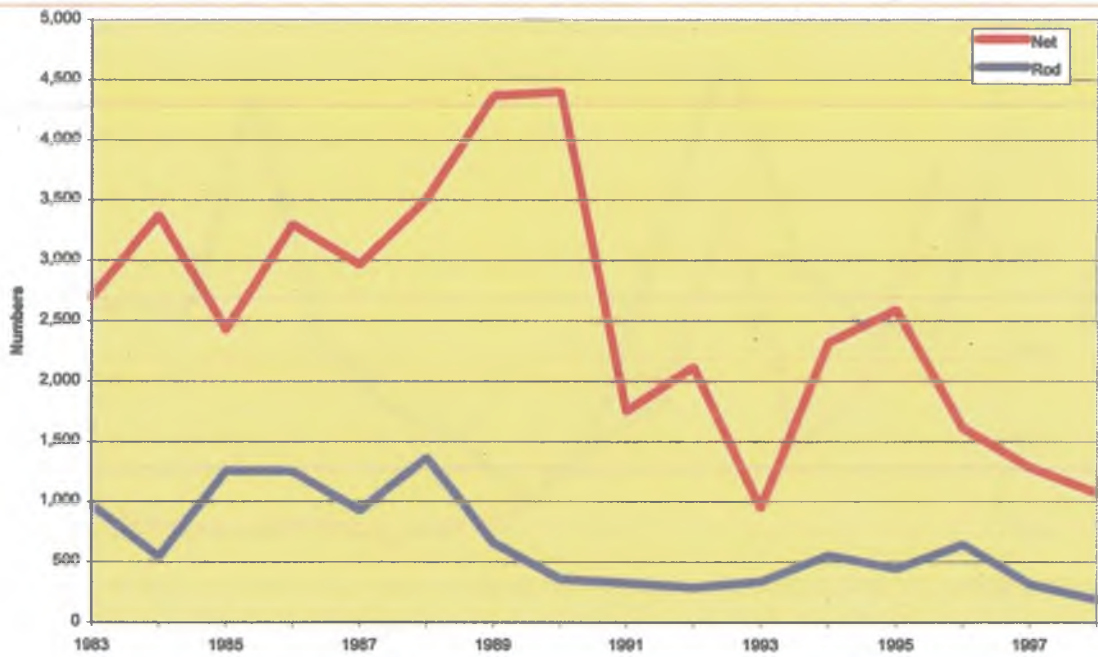
Net catches of salmon and sea trout have continued to decline, with the lowest regional totals recorded in 1998. Undoubtedly this reflects the state of the stocks, particularly for salmon, but netting effort has also reduced with the continuation of several buyout schemes and a reduction in the season on the Taw/Torridge. Most of these measures are aimed at conserving stocks of spring salmon, and as a result catches of salmon before June are now at extremely low levels.

For the first year ever the declared salmon rod catch exceeded the declared salmon net catch.

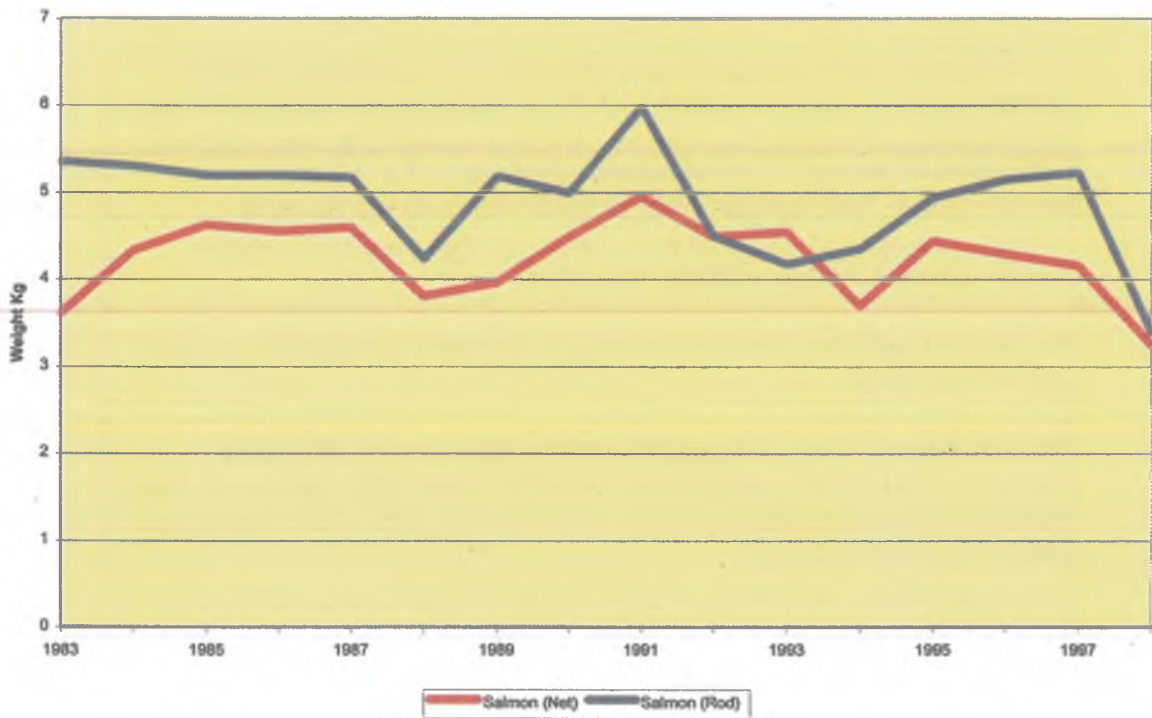
Rod catches of salmon and sea trout were higher than in 1997, and remained close to the average levels recorded since 1983. Catches of spring salmon remained at very low levels, with less than 10% of the salmon rod catch taken before June 1.

Midlands Region

Salmon Rod and Net Catches 1983 - 1998



Average Weight of Salmon, Rod and Net 1983 - 1998



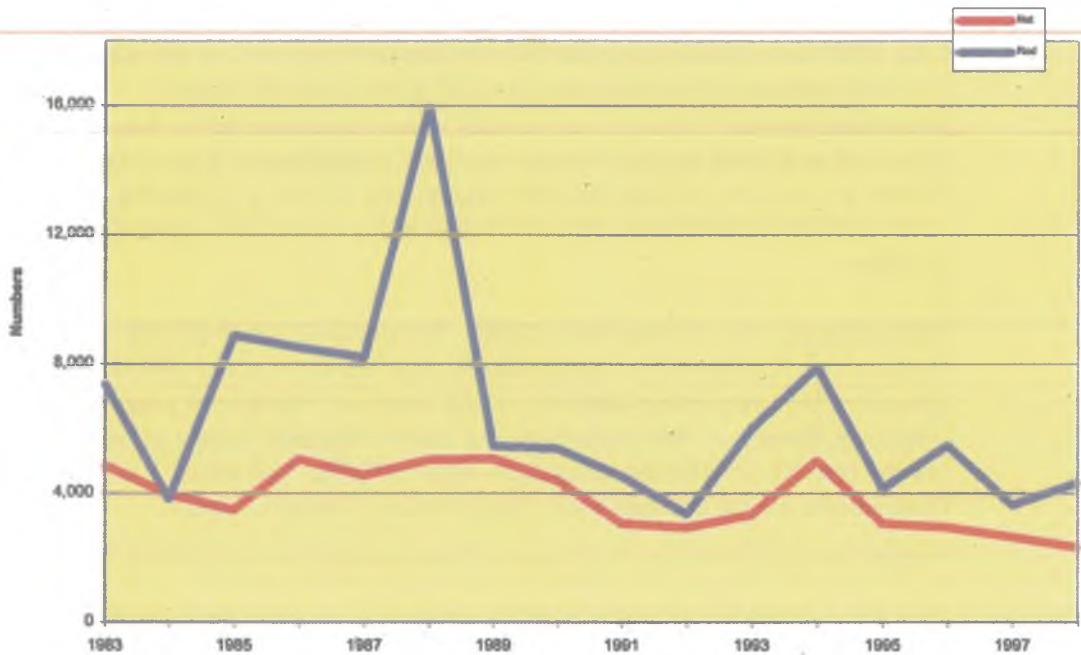
Summary

The 1998 season was regarded by virtually all fishermen as the worst in living memory throughout the estuary. Spring run fish were extremely scarce. The only run of note was of summer fish in July. Lave net and fixed engine licences continue to decline as does effort. Nearly all lave net licences are half season and do not start fishing until mid May. Draft nets, although full season, never begin until April or May.

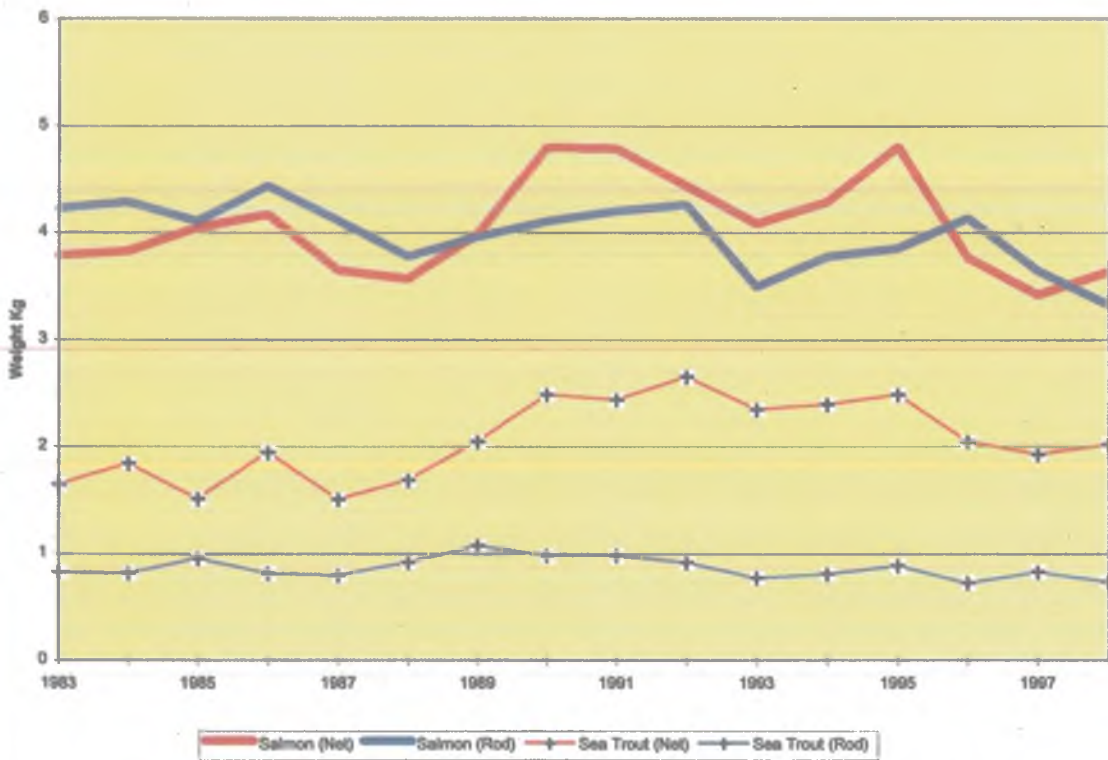
Rod catches were disastrous in 1998. The declared catch of 185 salmon was the lowest by some way in recent history (post 1951). Despite effort remaining high at near 20 days per rod licence used on the River Severn. The catches on the Severn are particularly at risk as the majority of salmon caught are MSW (66%). The stock component which has had the largest decline in recent years.

Environment Agency Wales

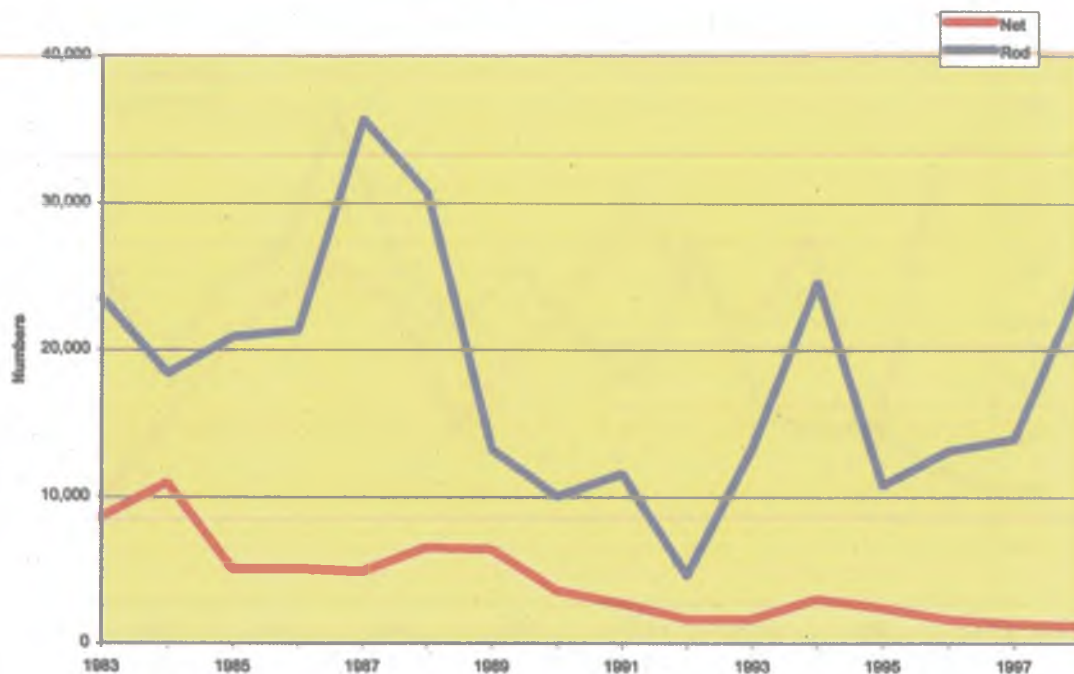
Salmon Rod and Net Catches 1983 - 1998



Average Weight of Salmon and Migratory Trout, Rod and Net 1983 - 1998



Migratory Trout Rod and Net Catches 1983 - 1998



Summary

Consistently high river flows provided good fishing conditions for rod anglers throughout the season and resulted in improved catches of sea trout and grilse. Some 24,000 sea trout were recorded by anglers in Wales compared with 14,000 in 1997.

Approximately 50% of the total declared sea trout rod catch and 25% of the total declared salmon rod catch were recorded from Welsh rivers in 1998.

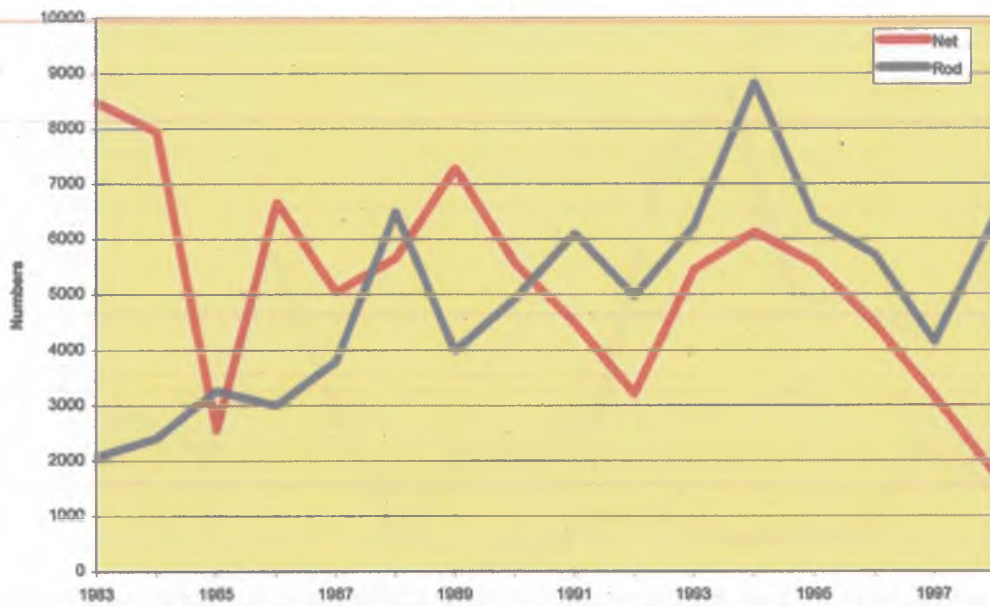
The long-term decline in salmon and sea trout net catches continued in 1998, partly as a result of high flows encouraging fish to enter rivers, and partly as a result of a continuing decline in effort. A total of 85 net licences were issued in 1998 compared with 90 in 1997 and a 5 year average of 105.

Catch and release of both salmon and sea trout by anglers continued to grow in popularity in 1998 with 23% of rod caught salmon (15%, 1997) and 50% of sea trout (45%, 1997) returned after capture.

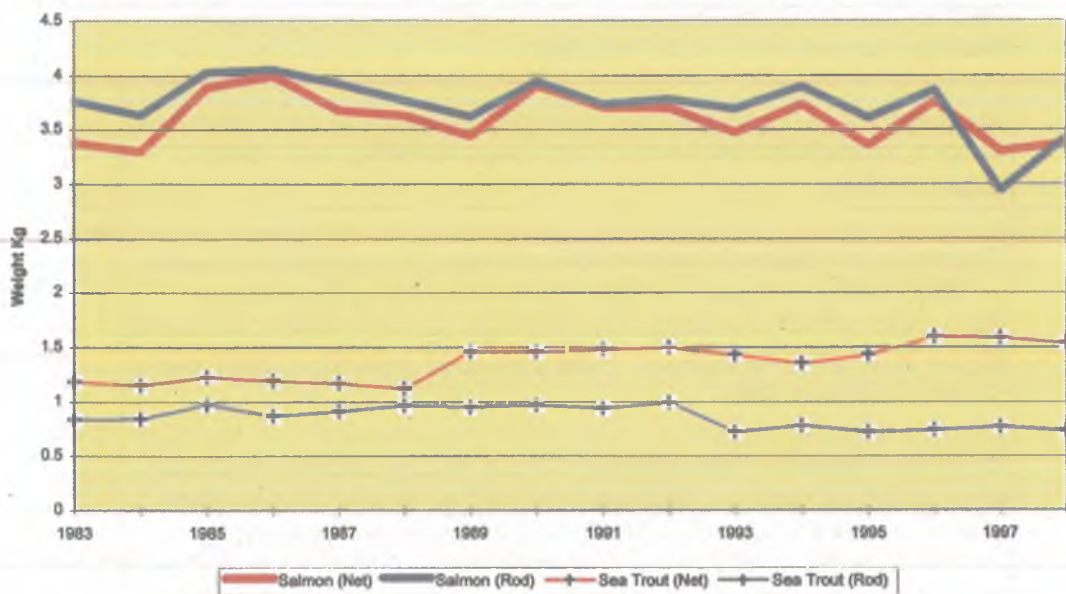
Once again, high flows in the early part of the season made fishing conditions difficult on rivers with a fly only rule in operation to protect Spring salmon.

North West Region

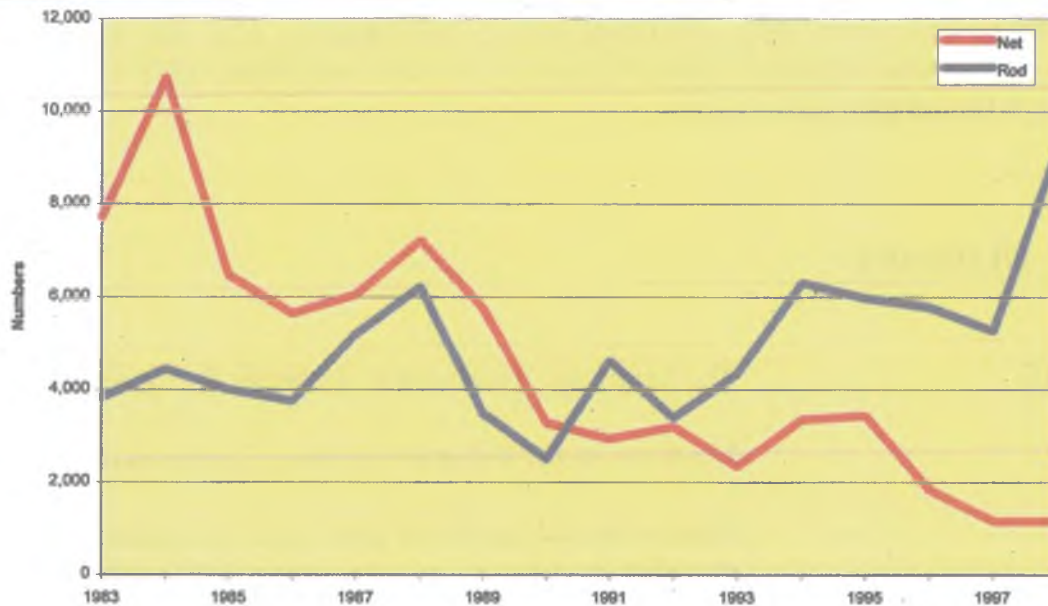
Salmon Rod and Net Catches 1983 - 1998



Average Weight of Salmon and Migratory Trout, Rod and Net 1983 - 1998



Migratory Trout Rod and Net Catches 1983 - 1998



Summary

The total number of salmon declared caught in 1998 was 6359 by the rods and 1762 by the nets, for sea trout the catch was 9184 and 1154 fish respectively and for some rivers the rod catch was the highest declared for the last 20 years.

The increase in the rod catch over the previous year may be due to the fact that 1998 was a fairly wet year. Such conditions are likely to have attracted salmon and sea trout into fresh water more quickly than normal, possibly reducing their availability to the net fisheries.

The catch for the nets continued to decline in part related to the wet conditions affecting the behaviour of the fish but also due to its effect on gear efficiency. The decline since 1993-5 may also be due to a decline in effort which has fallen off from an average of 6919 days between 1993-5 to 4747 days fished in 1998.

8. REFERENCES

ANON, 1999. *Annual Assessment of Salmon Stocks and Fisheries in England and Wales, 1998* (preliminary assessment for ICES, April 1999) CEFAS/EA :43 pp. ISBN: 0 907545 11 4

RUSSELL, I.C., IVES, M.J., POTTER, E.C.E., BUCKLEY, A.A. and DUCKETT, L., 1995. *Salmon and migratory trout statistics for England and Wales, 1951-1990*. Fisheries Research Data Report (38):252 pp.

9. GLOSSARY

CEFAS	The Centre for Environment, Fisheries & Aquaculture Science
EIFAC	European Inland Fisheries Advisory Commission
Grilse	Salmon that has spent not more than one winter at sea before maturing, also known as 1 sea winter (1SW) fish.
Migratory trout	Sea trout, referred to as sewin in Wales. Migratory form of trout <u>Salmo trutta</u> (L.)
MSW	Multi-Sea-Winter; a salmon that has spent two or more winters at sea before maturing
NASCO	North Atlantic Salmon Conservation Organisation
Nets	Instruments other than rod and line (including nets and fixed engines such as cribs, putts, putchers, baulks, fishing weirs and traps as used for the capture of migratory salmonids)
NSTFC	National Salmon and Trout Fisheries Centre
TAC	Total Allowable Catch

MANAGEMENT AND CONTACTS:

The Environment Agency delivers a service to its customers, with the emphasis on authority and accountability at the most local level possible. It aims to be cost-effective and efficient and to offer the best service and value for money.

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